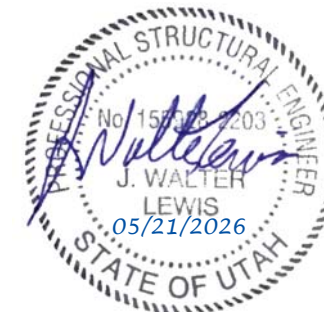


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FOR CONSTRUCTION PERMIT:
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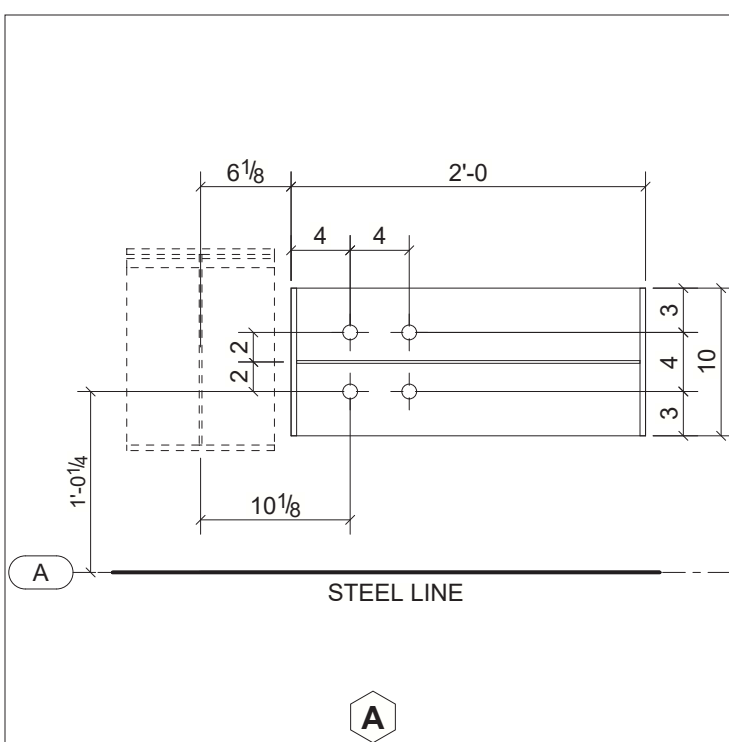
FOR ERECTOR INSTALLATION:
Final drawings for construction.

WHIRLWIND STEEL BUILDINGS

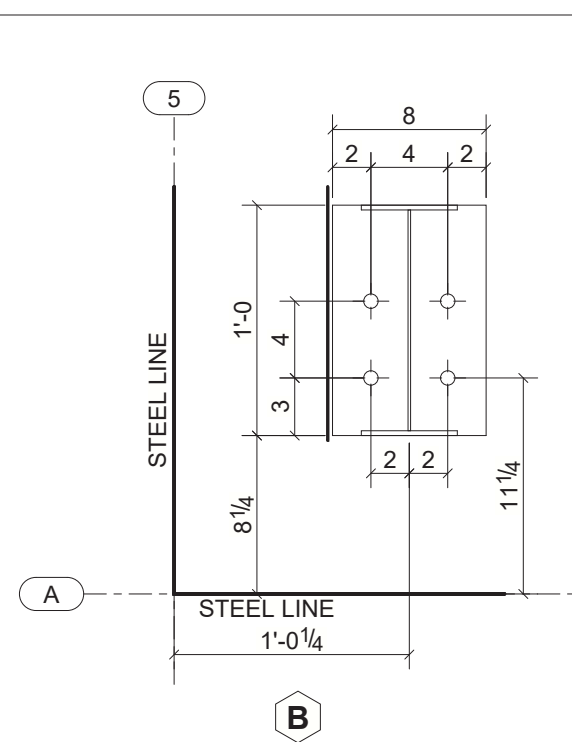
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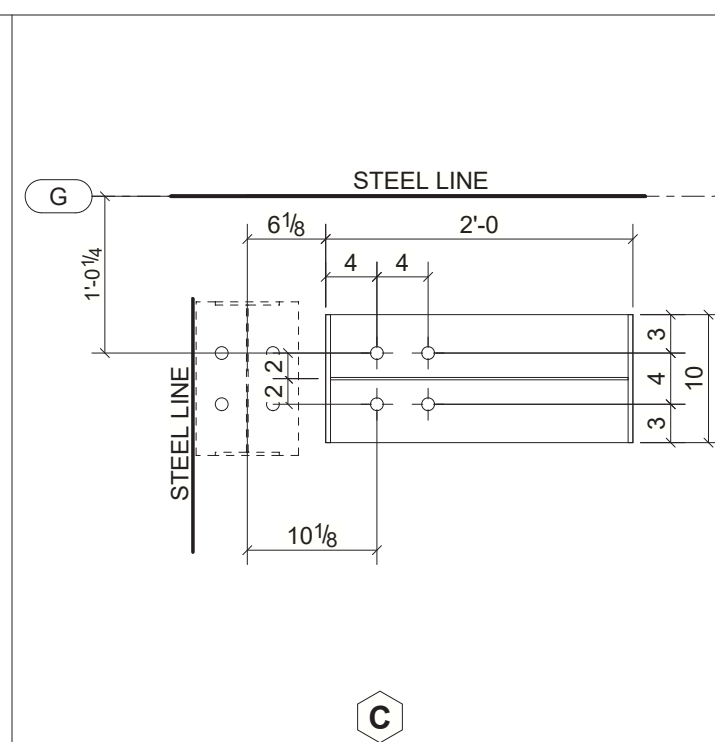
REV	DATE	DESCRIPTION	BY	CHK	DESC:	BLDG. SIZE:
0	05/13/2026	For Anchor Bolts	KLH	JRH	ANCHOR BOLT PLAN	150'-0" x 100'-8" x 26'-0"
1	05/20/2026	For Erector Installation	KLH	JRH	CUSTOMER: TUFFLI COMPANY, INC.	LOCATION: Torrance, CA 90504
					REFERENCE: 150x100-8x26	
					JOB SITE: SPANISH FORK, UT 84660	COUNTY: UTAH
					DWN: CHK: DATE: ENG: JOB NO: DWG NO: ISSUE:	
					KLH JRH 05/07/2026 MVK 15773-39868 F1 1	



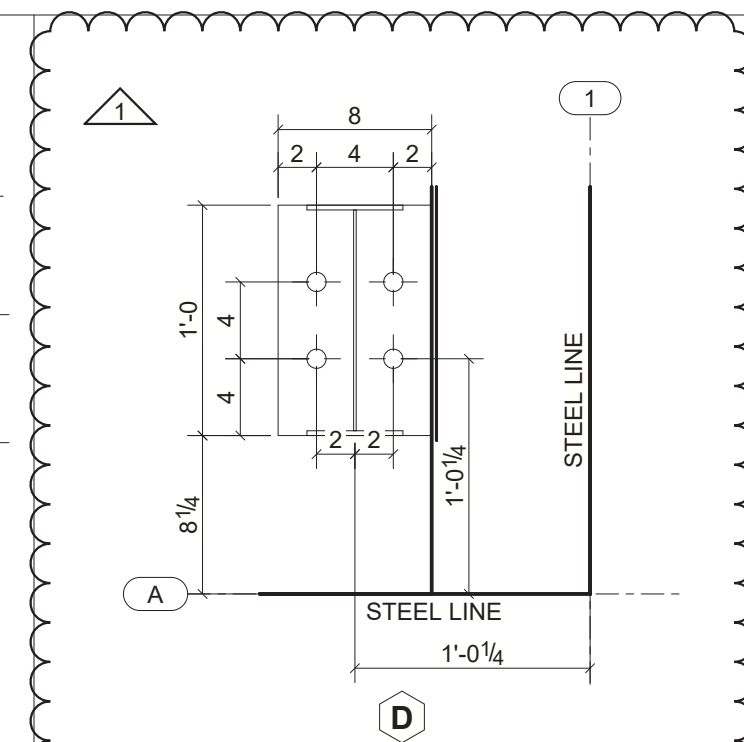
5/8 PLATE WITH 1" DIA. F1554 ANCHOR ROD
3 1/2" PROJECTION
AT FINISHED FLOOR



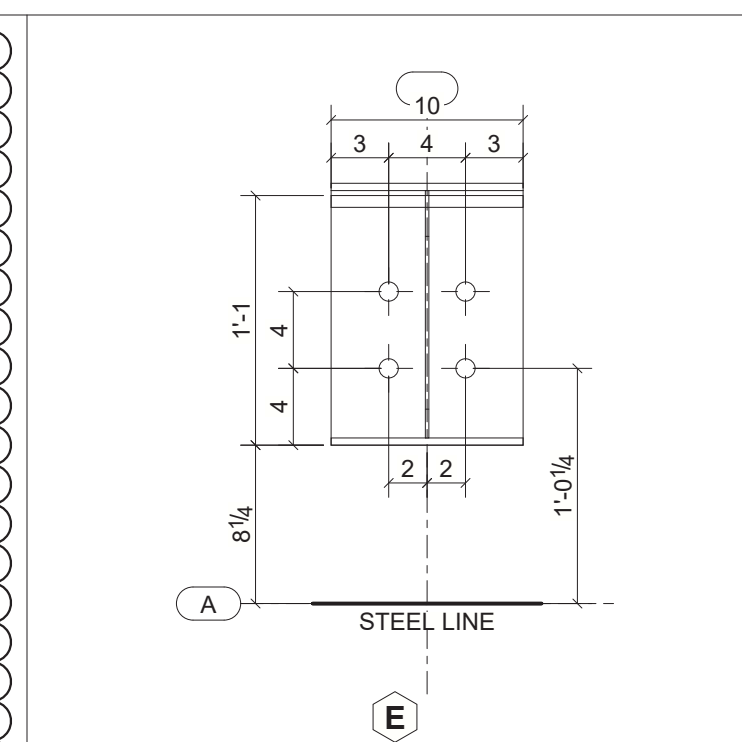
3/8 PLATE WITH 3/4 DIA. F1554 ANCHOR ROD
3" PROJECTION
AT FINISHED FLOOR



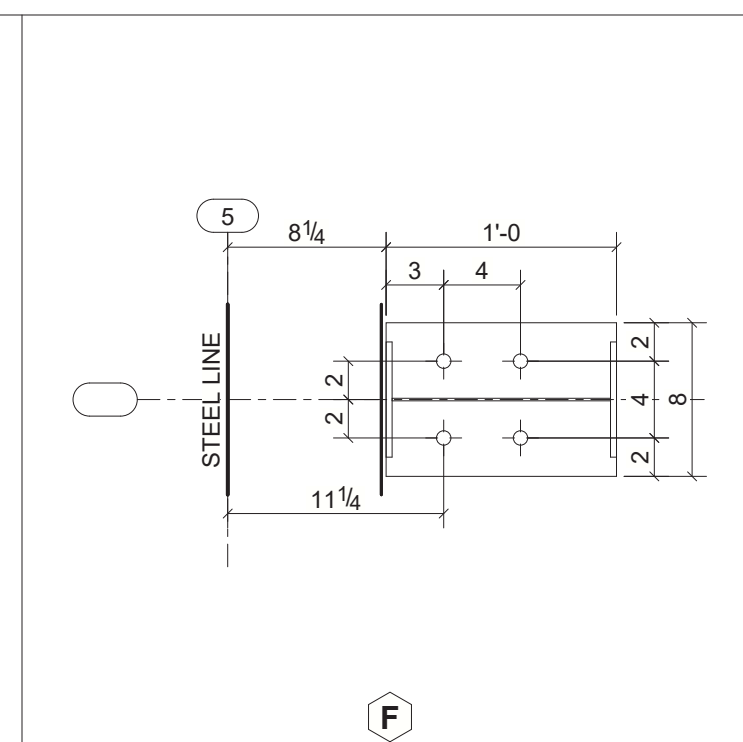
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3 1/2" PROJECTION
AT FINISHED FLOOR



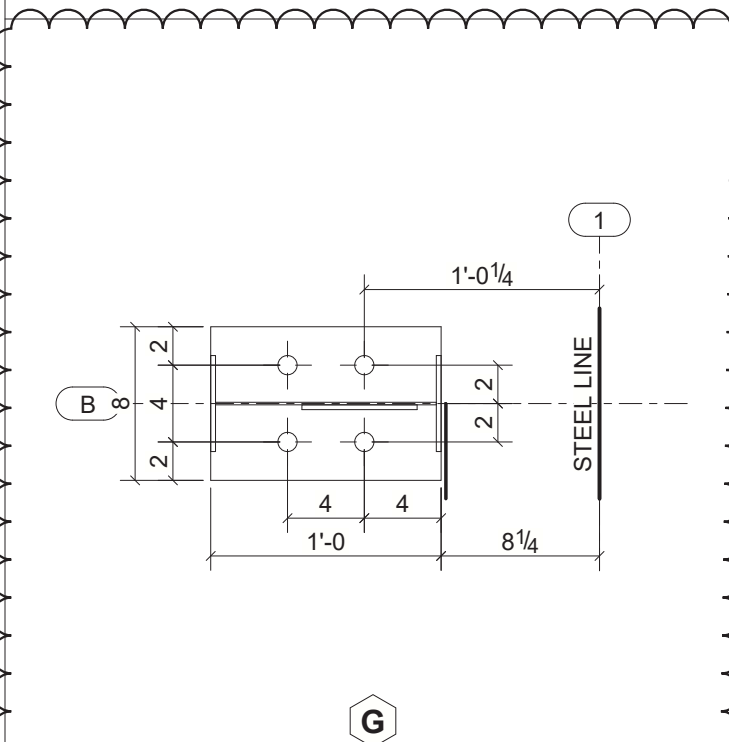
1/2 PLATE WITH 1" DIA. F1554 ANCHOR ROD
3 1/2" PROJECTION
AT FINISHED FLOOR



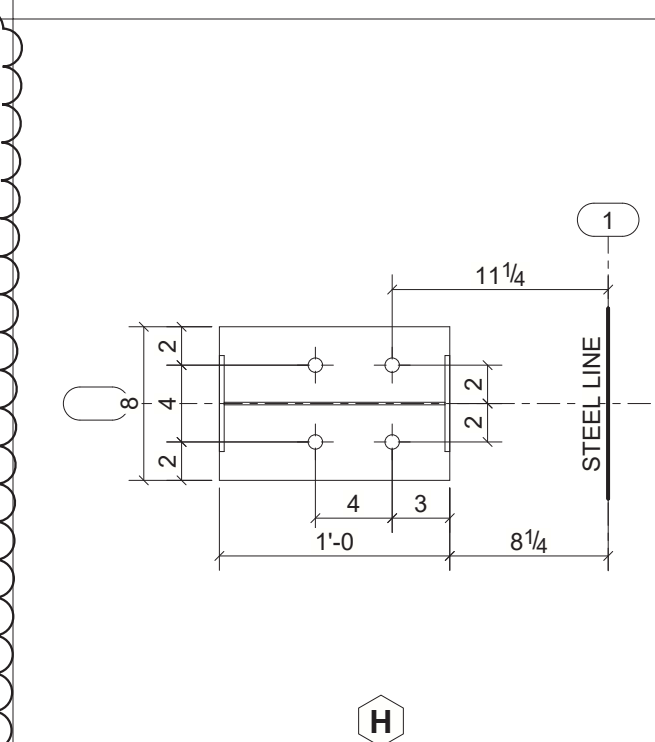
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3 1/2" PROJECTION
AT FINISHED FLOOR



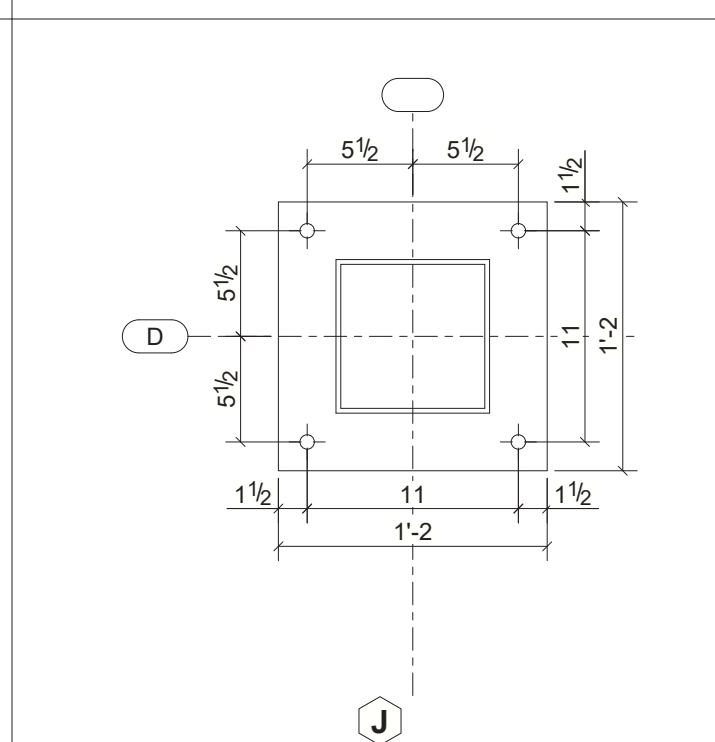
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3" PROJECTION
AT FINISHED FLOOR



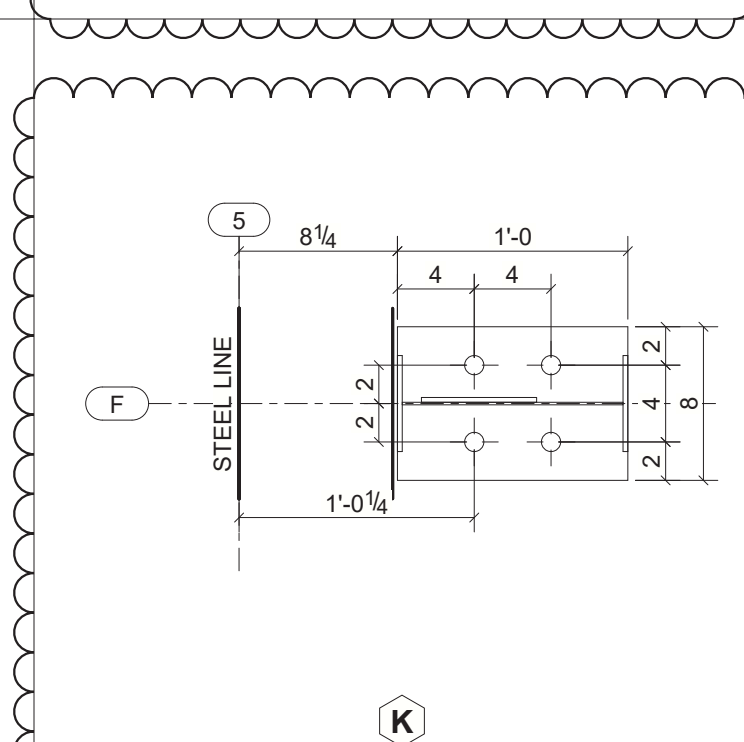
1/2 PLATE WITH 1" DIA. F1554 ANCHOR ROD
3 1/2" PROJECTION
AT FINISHED FLOOR



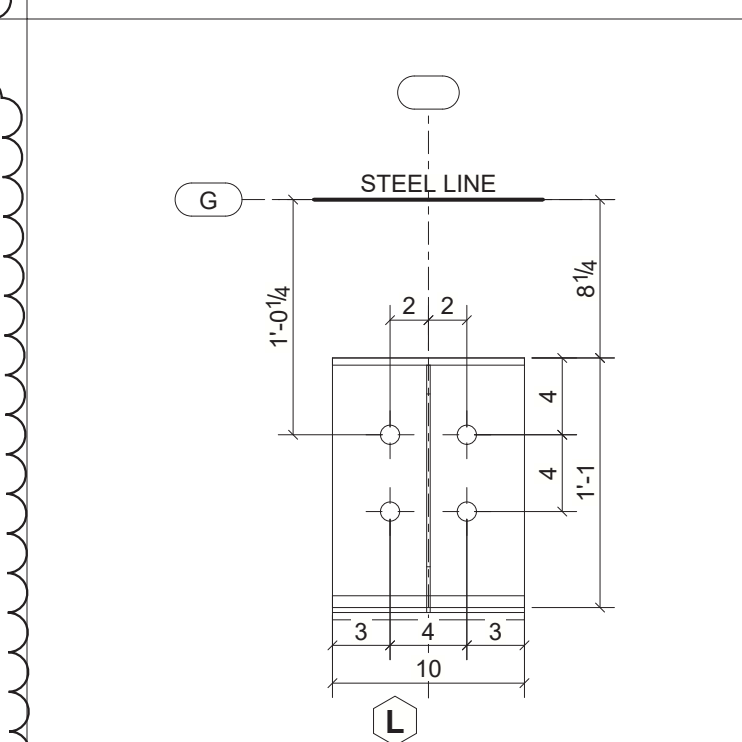
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3" PROJECTION
AT FINISHED FLOOR



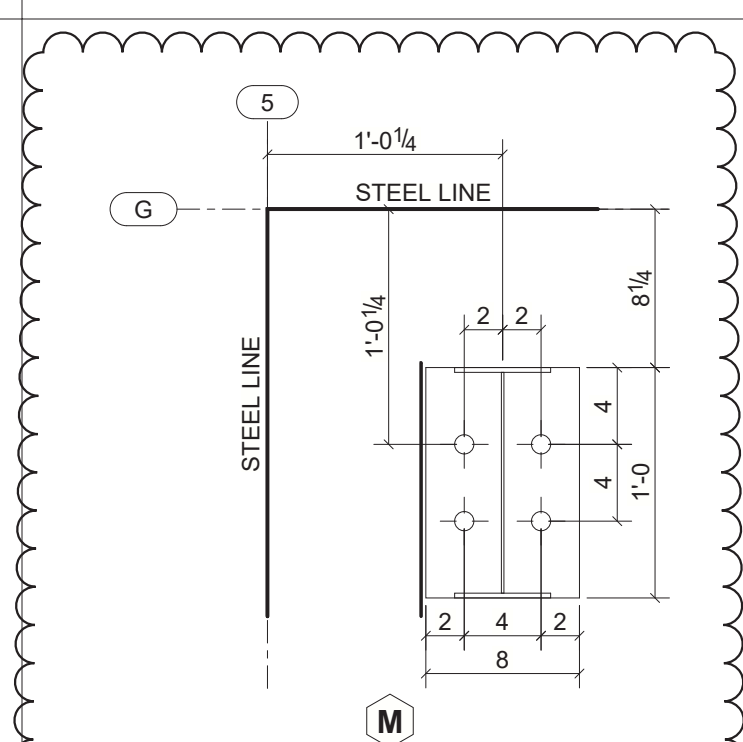
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3" PROJECTION
10" BELOW FINISHED FLOOR



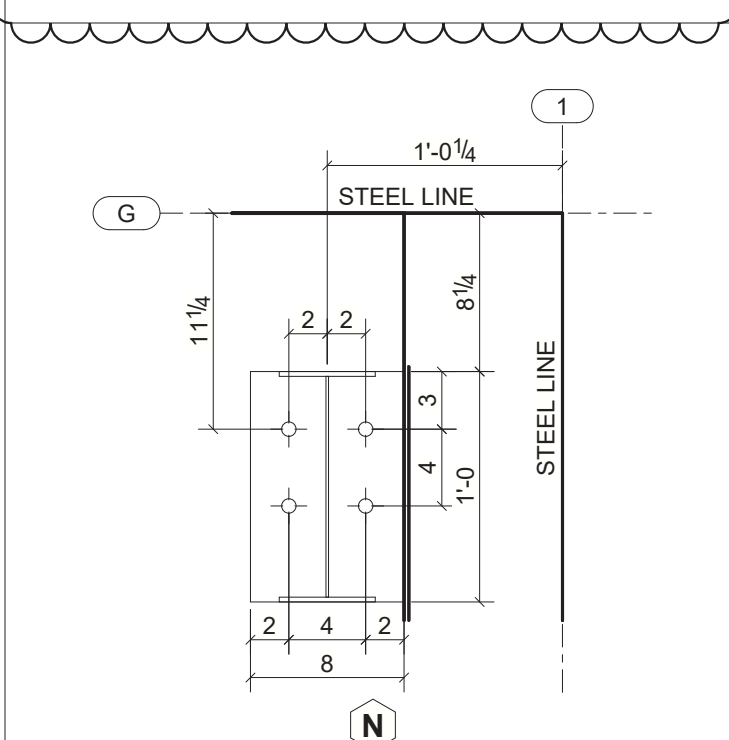
1/2 PLATE WITH 1" DIA. F1554 ANCHOR ROD
3 1/2" PROJECTION
AT FINISHED FLOOR



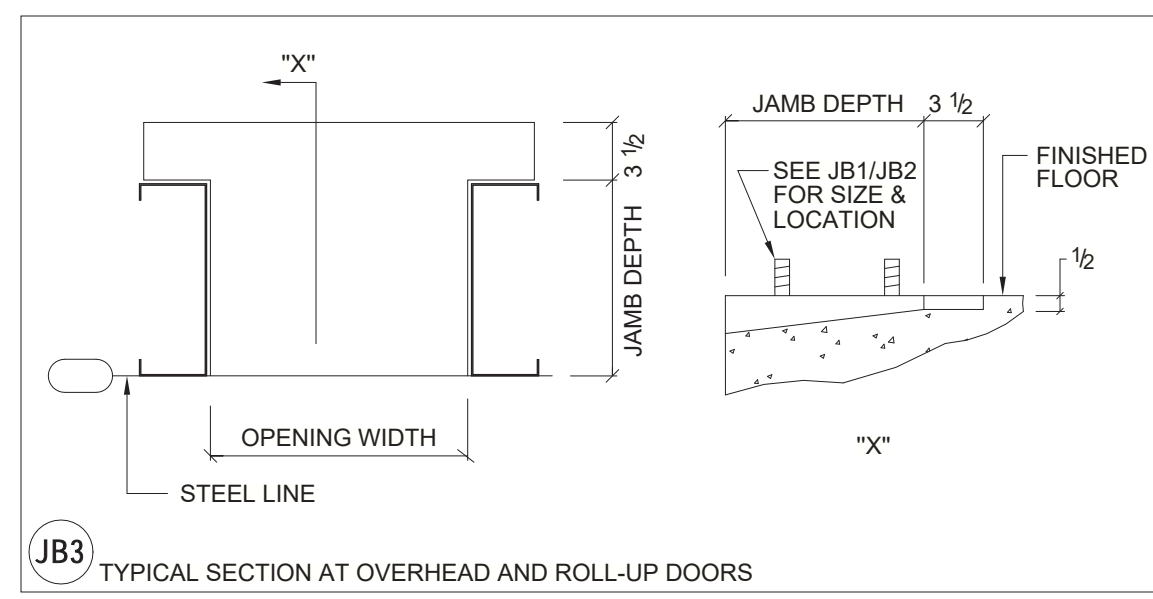
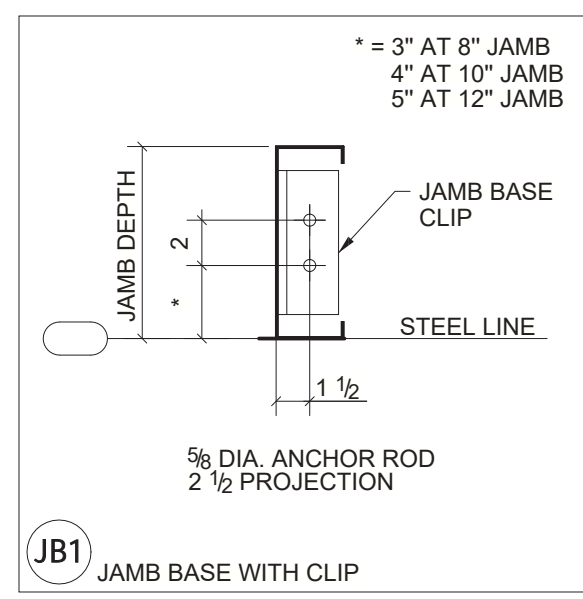
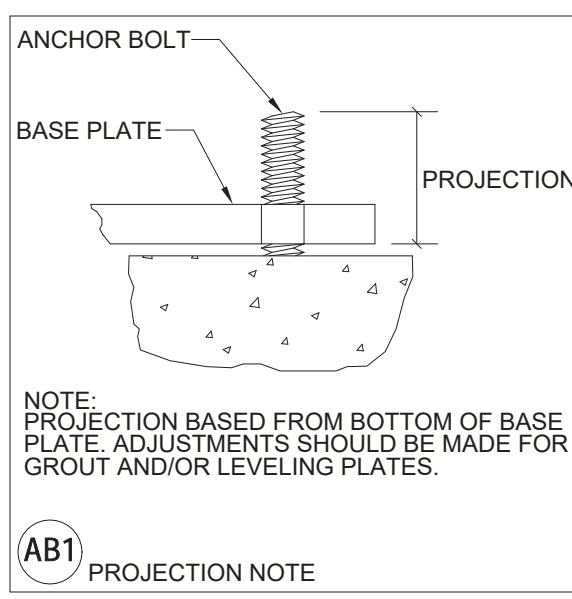
1/2 PLATE WITH 1" DIA. F1554 ANCHOR ROD
3 1/2" PROJECTION
AT FINISHED FLOOR



1/2 PLATE WITH 1" DIA. F1554 ANCHOR ROD
3 1/2" PROJECTION
AT FINISHED FLOOR



3/8 PLATE WITH 3/4 DIA. F1554 ANCHOR ROD
3" PROJECTION
AT FINISHED FLOOR



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DRAWING STATUS	
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<input checked="" type="checkbox"/>	FOR ERECTOR INSTALLATION: Final drawings for construction.

WHIRLWIND STEEL BUILDINGS

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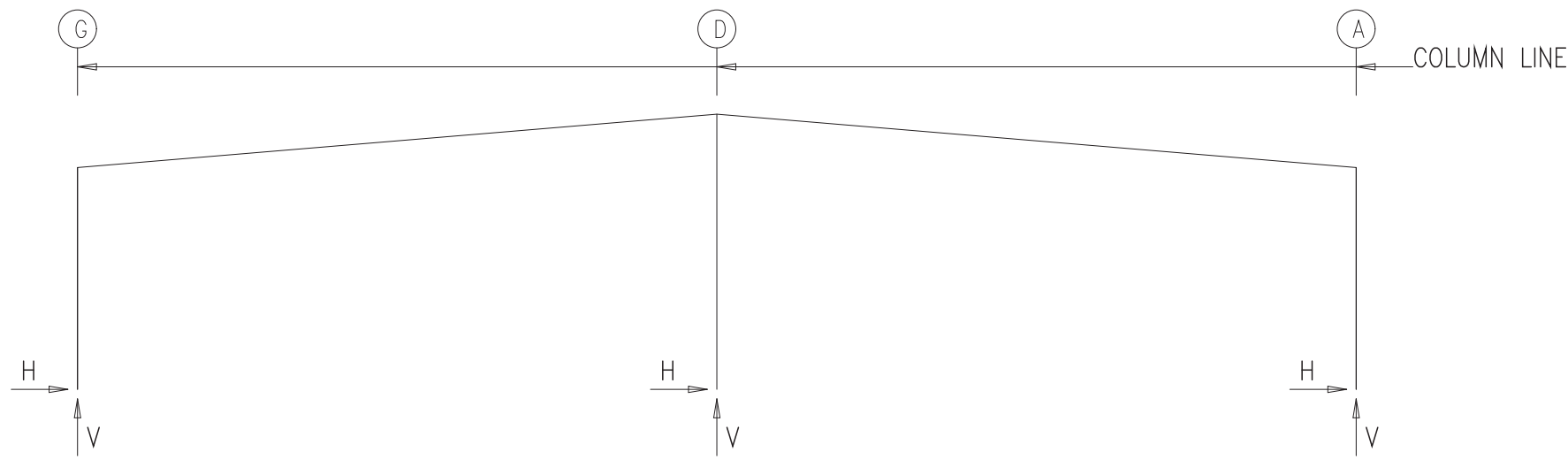
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FAX: 832-553-4600

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REV	DATE	DESCRIPTION	BY	CHK	DESC:	BLDG. SIZE:
0	05/13/2026	For Anchor Bolts	KLH	JRH	ANCHOR BOLT DETAILS	150'-0" x 100'-8" x 26'-0"
1	05/20/2026	For Erector Installation	KLH	JRH	CUSTOMER: TUFFLI COMPANY, INC.	LOCATION: Torrance, CA 90504
REFERENCE: 150x100-8x26						COUNTY: UTAH
JOB SITE: SPANISH FORK, UT 84660						DWG NO: ISSUE: F2 1
DWN:	CHK:	DATE:	ENG:	JOB NO:	DWG NO: ISSUE:	
KLH	JRH	05/07/2026	MVK	15773-39868	F2 1	



FRAME LINES: 4 3 2



RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	---Dead---		---Collateral---		---Live---		---Snow---		---Wind_Left1---		---Wind_Right1---	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
4*	G	2.2	6.0	2.2	4.7	5.4	11.4	10.9	23.2	-12.0	-19.2	0.0	-10.7
4*	A	-2.2	6.0	-2.2	4.7	-5.4	11.4	-10.9	23.2	0.0	-10.7	12.0	-19.2
4*	D	0.0	9.6	0.0	9.6	0.0	22.9	0.0	46.7	0.0	-27.4	0.0	-27.4

Frame Line	Column Line	---Wind_Left2---		---Wind_Right2---		---Wind_Long1---		---Wind_Long2---		---Seismic_Left---		---Seismic_Right---	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
4*	G	-11.1	-11.2	0.7	-2.7	-2.8	-18.6	-3.9	-12.3	-8.5	-2.7	8.5	2.7
4*	A	-0.8	-2.7	11.1	-11.2	3.9	-12.3	2.8	-18.6	-8.5	2.7	8.5	-2.7
4*	D	0.0	-13.4	0.0	-13.3	0.0	-28.2	0.0	-28.2	0.0	0.0	0.0	0.0

Frame Line	Column Line	---MIN_SNOW---		F1PAT_LL_1---		F1PAT_LL_2---		F1UNB_SL_L---		F1UNB_SL_R---	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
4*	G	8.9	18.9	2.7	11.4	2.7	-0.1	7.7	25.3	7.8	6.3
4*	A	-8.9	18.9	-2.7	-0.1	-2.7	11.4	-7.8	6.3	-7.7	25.3
4*	D	0.0	38.1	0.0	11.4	0.0	11.4	0.0	41.7	0.0	41.7

4* Frame lines: 4 3 2

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)				Hmin	V	Bolt(in)	Base_Plate(in)			Elev. (in)	
		Load Id	Hmax	V	Vmax				Load Id	H	Vmin		Qty
4*	G	3	15.4	33.9	4	-5.9	-7.9	4	1.000	10.00	13.00	0.500	0.0
		12	12.2	36.0									
4*	A	5	5.9	-7.9	1	-15.4	33.9	4	1.000	10.00	13.00	0.500	0.0
		13	-12.2	36.0	5	5.9	-7.9						
4*	D	7	0.0	-11.1	7	0.0	-11.1	4	0.750	14.00	14.00	0.500	-10.0
		3	0.0	65.9									

4* Frame lines: 4 3 2

PORTAL FRAME REACTIONS

Wall Loc	Col Line	± Reactions				Bolt(in)		Base_Plate(in)		
		Wind(k)	Seismic(k)	Horz	Vert	Qty	Dia	Width	Length	Thick
F_SW A	5	2.9	6.4	6.1	13.4	4	1.000	10.000	24.000	0.625
F_SW A	4	2.9	6.4	6.1	13.4	4	1.000	10.000	24.000	0.625
F_SW A	4	2.9	6.4	6.1	13.4	4	1.000	10.000	24.000	0.625
F_SW A	3	2.9	6.4	6.1	13.4	4	1.000	10.000	24.000	0.625
F_SW A	2	2.9	6.2	6.1	13.0	4	1.000	10.000	24.000	0.625
F_SW A	1	2.9	6.2	6.1	13.0	4	1.000	10.000	24.000	0.625
B_SW G	1	2.9	6.2	6.1	13.0	4	1.000	10.000	24.000	0.625
B_SW G	2	2.9	6.2	6.1	13.0	4	1.000	10.000	24.000	0.625
B_SW G	3	2.9	6.4	6.1	13.4	4	1.000	10.000	24.000	0.625
B_SW G	4	2.9	6.4	6.1	13.4	4	1.000	10.000	24.000	0.625
B_SW G	4	2.9	6.4	6.1	13.4	4	1.000	10.000	24.000	0.625
B_SW G	5	2.9	6.4	6.1	13.4	4	1.000	10.000	24.000	0.625

GENERAL NOTES

- All anchor rods (by others) to be GRADE 36.
- All anchor rods (by others) to have nuts and flat washers.
- All anchor rods are designed to full S.A.E. diameters with cut threads. No substitutions are allowed.
- The Metal Building Provider is not responsible for the design, materials and workmanship of the foundation. Anchor rod plans prepared by the Metal Building Provider are intended to show only location, diameter, and projection of anchor rods required to attach the Metal Building System to the foundation. The Metal Building Provider is responsible for providing to the Builder the loads imposed by the Metal Building System on the foundation. It is the responsibility of the End Customer to ensure that adequate provisions are made for specifying rod embedment, bearing angles, tie rods, and/or other associated items embedded in the concrete foundation, as well as foundation design for the loads imposed by the Metal Building System, other imposed loads, and the bearing capacity of the soil and other conditions of the building site. This is typically the responsibility of the Design Professional or Engineer of Record, which is another reason that their involvement in the Construction Project from the outset is highly recommended. (2012 MBMA Metal Building Systems Manual, Section 3.2.2)

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REV	DATE	DESCRIPTION	BY	CHK	DESC:	BLDG. SIZE:
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1	05/20/2026	For Erector Installation	KLH	JRH	CUSTOMER: TUFFLI COMPANY, INC.	LOCATION: Torrance, CA 90504
					REFERENCE: 150x100-8x26	
					JOB SITE: SPANISH FORK, UT 84660	COUNTY: UTAH
					DWN: CHK: DATE: ENG: JOB NO: DWG NO: ISSUE:	
					KLH JRH 05/07/2026 MVK 15773-39868 F3 1	

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ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert	Wind_Left2 Horz	Wind_Left2 Vert	Wind_Right2 Horz	Wind_Right2 Vert	Wind Press Horz
5	G	0.8	0.7	2.3	3.2	-3.5	-7.2	0.0	1.8	-3.5	-6.1	0.0	3.0	0.0
5	F	1.6	1.8	6.4	8.9	0.0	-6.5	3.5	-9.4	-3.6	-3.6	3.5	-6.5	-6.2
5	E	1.6	1.6	5.6	7.7	0.0	-8.6	0.0	-4.8	0.0	-6.0	0.0	-2.2	-6.8
5	D	1.8	1.7	5.9	8.2	0.0	-5.1	0.0	-5.7	0.0	-2.8	0.0	-3.4	-7.3
5	C	1.6	1.6	5.6	7.7	0.0	-4.8	0.0	-8.6	0.0	-2.2	0.0	-6.0	-6.8
5	B	1.6	1.8	6.4	8.9	0.0	-5.6	0.0	-9.9	0.0	-2.8	0.0	-7.1	-6.2
5	A	0.8	0.7	2.3	3.2	0.0	-2.2	0.0	-3.5	0.0	-1.1	0.0	-2.3	0.0

Frm Line	Col Line	Wind_Suct Horz	Wind_Long1 Horz	Wind_Long2 Horz	Seis_Left Horz	Seis_Right Horz	Seis_Long Horz	-MIN_SNOW-- Horz
5	G	0.0	0.0	-2.7	-1.0	-3.3	-12.5	-13.4
5	F	6.8	1.0	-10.9	0.0	-4.7	12.6	12.5
5	E	7.5	0.0	-8.9	0.0	-4.6	0.2	0.0
5	D	8.0	0.0	-6.5	0.0	-6.3	0.0	-1.0
5	C	7.5	0.0	-4.6	0.0	-8.9	0.0	-0.2
5	B	6.8	0.0	-5.7	0.0	-9.9	0.0	-0.2
5	A	0.0	0.0	-2.2	0.0	-3.8	0.0	-0.1

Frm Line	Col Line	E1UNB_SL_L-- Horz	E1UNB_SL_R-- Horz	E1PAT_LL_1-- Horz	E1PAT_LL_2-- Horz	E1PAT_LL_3-- Horz	E1PAT_LL_4-- Horz	E1PAT_LL_5-- Horz
5	G	0.0	3.3	0.0	0.9	0.0	2.3	0.0
5	F	0.0	8.4	0.0	2.9	0.0	6.8	0.0
5	E	0.0	12.2	0.0	1.5	0.0	2.7	0.0
5	D	0.0	8.4	0.0	8.4	0.0	-0.3	0.0
5	C	0.0	1.5	0.0	12.2	0.0	0.1	0.0
5	B	0.0	2.9	0.0	8.4	0.0	0.0	0.1
5	A	0.0	0.9	0.0	3.3	0.0	0.0	0.0

Frm Line	Col Line	Dead Vert	Collat Vert	---Live--- Horz	---Snow--- Horz	Snow_Drift Horz	Wind_Left1 Horz	Wind_Right1 Horz
1	A	0.8	0.7	0.0	2.4	0.0	3.3	0.0
1	B	2.0	3.6	-0.1	7.5	-0.1	10.1	-0.1
1	C	1.9	3.4	-0.1	6.7	-0.1	8.9	-0.1
1	D	1.8	1.7	0.0	6.0	0.0	8.4	0.0
1	E	1.9	3.4	-0.1	6.7	-0.1	8.9	-0.1
1	F	2.0	3.6	-0.1	7.5	-0.1	10.1	-0.1
1	G	0.8	0.7	0.0	2.4	0.0	3.3	0.0

Frm Line	Col Line	Wind_Left2 Horz	Wind_Right2 Horz	Wind_Press Horz	Wind_Suct Horz	Wind_Long1 Horz	Wind_Long2 Horz	Seis_Left Horz
1	A	-3.6	-6.2	0.0	3.1	0.0	0.0	0.0
1	B	0.0	-3.6	3.6	-6.7	-6.1	-1.5	6.8
1	C	0.0	-6.1	0.0	-2.3	-6.7	-1.5	7.5
1	D	0.0	-2.8	0.0	-3.4	-7.3	0.0	8.0
1	E	0.0	-2.3	0.0	-6.1	-6.7	-1.5	7.5
1	F	0.0	-2.8	0.0	-7.2	-6.1	-1.5	6.8
1	G	0.0	-1.1	0.0	-2.3	0.0	0.0	-2.3

Frm Line	Col Line	Seis_Right Horz	-MIN_SNOW-- Horz	E2UNB_SL_L-- Horz	E2UNB_SL_R-- Horz	E2PAT_LL_1-- Horz	E2PAT_LL_2-- Horz
1	A	0.0	14.7	0.0	0.0	2.7	0.0
1	B	12.7	-13.9	0.5	0.0	7.4	0.0
1	C	0.0	-0.2	0.5	0.0	6.5	0.0
1	D	0.0	-1.1	0.5	0.0	6.8	0.0
1	E	0.0	0.2	0.5	0.0	6.5	0.0
1	F	0.0	0.2	0.5	0.0	7.4	0.0
1	G	0.0	0.1	0.0	0.0	2.7	0.0

Frm Line	Col Line	E2PAT_LL_3-- Horz	E2PAT_LL_4-- Horz	E2PAT_LL_5-- Horz	E2PAT_LL_6-- Horz	E2PAT_LL_7-- Horz
1	A	0.0	0.1	0.0	0.0	0.0
1	B	0.0	-0.3	0.0	0.1	0.0
1	C	0.0	2.8	0.0	-0.4	0.0
1	D	0.0	6.7	0.0	2.8	0.0
1	E	0.0	2.8	0.0	6.7	0.0
1	F	0.0	-0.3	0.0	2.7	0.0
1	G	0.0	0.1	0.0	-0.2	0.0

ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)						Bolt(in)			Base_Plate(in)		Elev. (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Qty	Dia	Width	Length	Thick	
5	G	10	0.0	-9.1	10	0.0	-9.1	4	1.000	8.000	12.00	0.500	0.0
5	F	14	4.1	-5.6	15	-3.7	-5.6	4	1.000	8.000	12.00	0.500	0.0
5	E	14	4.5	-4.4	15	-4.1	-4.4	4	0.750	8.000	12.00	0.375	0.0
5	D	14	4.8	-2.9	15	-4.4	-2.9	4	0.750	8.000	12.00	0.375	0.0
5	C	18	4.5	-4.4	19	-4.1	-4.4	4	0.750	8.000	12.00	0.375	0.0
5	B	20	4.1	-5.0	19	-3.7	-4.9	4	0.750	8.000	12.00	0.375	0.0
5	A	6	0.0	-1.8	6	0.0	-1.8	4	0.750	8.000	12.00	0.375	0.0
1	A	10	0.0	-9.3	10	0.0	-9.3	4	1.000	8.000	12.00	0.500	0.0
1	B	14	4.1	-5.7	21	-3.7	-5.6	4	1.000	8.000	12.00	0.500	0.0
1	C	14	4.5	-4.6	21	-4.0	-4.5	4	0.750	8.000	12.00	0.375	0.0
1	D	14	4.8	-2.9	15	-4.4	-2.9	4	0.750	8.000	12.00	0.375	0.0
1	E	18	4.5	-4.6	24	-4.0	-4.5	4	0.750	8.000	12.00	0.375	0.0
1	F	20	4.1	-5.1	24	-3.7	-4.9	4	0.750	8.000	12.00	0.375	0.0
1	G	6	0.0	-1.8	6	0.0	-1.8	4	0.750	8.000	12.00	0.375	0.0

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WHIRLWIND STEEL BUILDINGS

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HOUSTON, TX 77234

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FAX: 832-553-4600

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REV	DATE	DESCRIPTION	BY	CHK	DESC:	BLDG. SIZE:
0	05/13/2026	For Anchor Bolts	KLH	JRH	REACTIONS	150'-0" x 100'-8" x 26'-0"
1	05/20/2026	For Erector Installation	KLH	JRH	CUSTOMER: TUFFLI COMPANY, INC.	LOCATION: Torrance, CA 90504
					REFERENCE: 150x100-8x26	
					JOB SITE: SPANISH FORK, UT 84660	COUNTY: UTAH
					DWN: CHK: DATE: ENG: JOB NO: DWG NO: ISSUE:	
					KLH JRH 05/07/2026 MVK 15773-39868 F4 1	

NOTES FOR REACTIONS

- All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
- Positive reactions are as shown in the sketch. Foundation loads are in the opposite direction.
- Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
- Loading Combinations are:
 - Dead+Collateral+Snow
 - Dead+Collateral+Snow+Snow_Drift
 - Dead+Collateral+Snow+Slide_Snow
 - 0.6Dead+0.6Wind_Left1
 - 0.6Dead+0.6Wind_Right1
 - 0.6Dead+0.6Wind_Long2L
 - 0.6Dead+0.6Wind_Long2R
 - 1.17Dead+1.17Collateral+0.7Seismic_Right
 - 1.12Dead+1.12Collateral+0.75Live+0.53Seismic_Left
 - 0.43Dead+0.7Seismic_Left
 - 0.43Dead+0.7Seismic_Right
 - Dead+Collateral+F1UNB_SL_L
 - Dead+Collateral+F1UNB_SL_R
 - 0.6Dead+0.6Wind_Suction+0.6Wind_Long1L
 - 0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
 - Dead+Collateral+E1UNB_SL_L
 - Dead+Collateral+E1UNB_SL_R
 - 0.6Dead+0.6Wind_Suction+0.6Wind_Long2L
 - 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
 - 0.6Dead+0.6Wind_Right1+0.6Wind_Suction
 - Dead+0.6Wind_Pressure+0.6Wind_Long1L
 - Dead+Collateral+E2UNB_SL_L
 - Dead+Collateral+E2UNB_SL_R
 - Dead+0.6Wind_Pressure+0.6Wind_Long2L

ANCHOR ROD SUMMARY

Qty	Locate	Dia (in)	Type	Proj (in)
80	Jamb	5/8"	F1554	2.50
40	Endwall	3/4"	F1554	3.00
36	Frame	1"	F1554	3.50
12	Frame	3/4"	F1554	3.00
48	Portal Frame	1"	F1554	3.00

BUILDING BRACING REACTIONS

Wall Loc	Col Line	± Reactions(k)	Panel_Shear (lb/ft)	Note			
Line	Line	Wind Horz	Seismic Vert	Wind Seis			
L_EW	5	G,F	3.5	3.8	12.5	13.5	
F_SW	A	5,4	4,3				(a)
R_EW	1	A,B	3.6	3.9	12.7	13.7	
B_SW	G	2,1	4,3				(a)
		5,4					(a)

(a) Wind bent in bay

Reactions for seismic represent shear force, Eh
Reaction values shown are unfactored

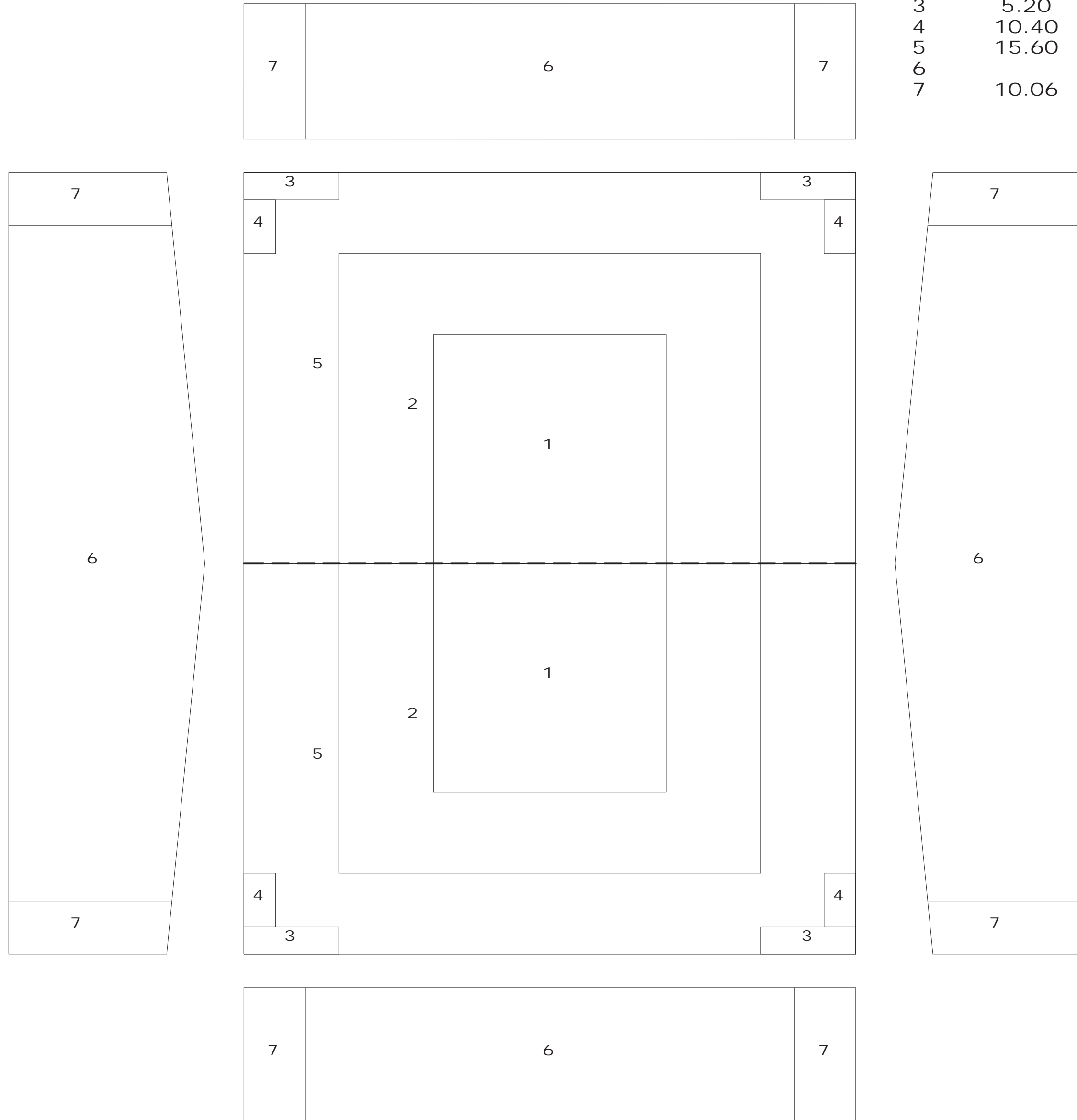


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Components & Cladding

Zone	Width (ft)	Length (ft)	Pressure(psf)		Suction(psf)	
			Member	Panel	Member	Panel
1			16.00	16.00	-20.34	-23.64
2	15.60	15.60	16.00	16.00	-29.49	-41.13
3	5.20	15.60	16.00	16.00	-43.73	-73.99
4	10.40	5.20	16.00	16.00	-43.73	-73.99
5	15.60	15.60	16.00	16.00	-39.26	-54.37
6			19.11	23.64	-21.08	-25.61
7	10.06		19.11	23.64	-22.56	-31.50

(+) wind towards surface
 (-) wind away from surface



Note: As Per AISI S-100-16 Appendix A Section I6.3.1a, the wind uplift loading in edge and corner zones is permitted to be multiplied by a factor of 0.67 for the standing seam roof panel used on this building. This reduction factor is not expressed in the ultimate wind uplift values tabulated on this page.

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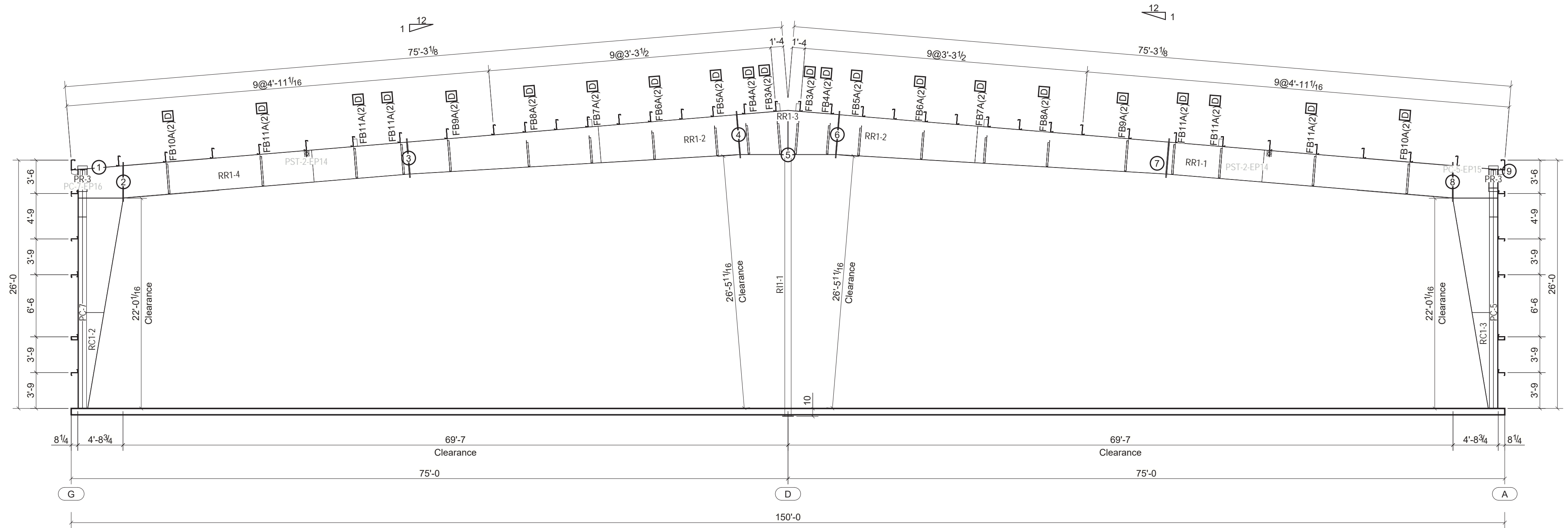
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					REFERENCE: 150x100-8x26	
					JOB SITE: SPANISH FORK, UT 84660	COUNTY: UTAH
					DWN: CHK: DATE: ENG: JOB NO: DWG NO: ISSUE:	
					KLH JRH 05/07/2026 MVK 15773-39868 F5 1	

Mark	Qty	Type	Dia	Length	Plate W x Thk
1	8	A325N	1	2.75	12 x 3/4"
2	14	A325N	0.75	2.25	10 x 5/8"
3	14	A325N	0.75	2.5	8 x 3/4"
4	12	A325N	0.75	2.25	10 x 5/8"
5	4	A325N	0.625	1.75	10 x 3/8"
6	12	A325N	0.75	2.5	10 x 5/8"
7	14	A325N	0.75	2.5	8 x 3/4"
8	14	A325N	0.75	2.25	10 x 5/8"
9	8	A325N	1	2.75	12 x 3/4"

FLANGE BRACES: FBxxA-D(1 or 2)(S, D or R if required)
 xx = Sequence number
 A = FB2214; C = 56FBB; D = 56FBC
 (1) = One Side; (2) = Two Sides
 (S) = AK222 (8"), AK223 (10") or AK224 (12");
 (D) = AK226 (8"), AK227 (10") or AK228 (12") w/ AK230
 (R) = AA301

MARK	LENGTH
FB3A	5'-8 1/16"
FB4A	5'-5 5/8"
FB5A	5'-4 7/16"
FB6A	5'-3 1/8"
FB7A	5'-1 13/16"
FB8A	5'-0 9/16"
FB9A	4'-2 7/16"
FB10A	4'-1 5/8"
FB11A	4'-1 1/2"

MEMBER TABLE											
Mark	Web Depth Start/End	Web Plate Thick	OS Flange W x Thk	IS Flange W x Thk	Length	Mark	Web Depth Start/End	Web Plate Thick	OS Flange W x Thk	IS Flange W x Thk	Length
RC1-2	12.0 / 32.3	3/16"	10 x 3/8"	10 x 3/8"	26'-11 3/16"	RC1-3	12.0 / 32.3	3/16"	10 x 3/8"	10 x 3/8"	26'-11 3/16"
RR1-4	40.0 / 40.0	1/4"	8 x 1/2"	8 x 5/8"	30'-1 3/8"						
RR1-2	40.0 / 45.8	1/4"	8 x 5/16"	8 x 1/4"	34'-7 3/8"						
RR1-3	50.1 / 55.2	5/16"	10 x 3/8"	10 x 3/8"	10'-9 7/16"						
RR1-1	T8X250				27'-4 3/4"						
RR1-1	40.0 / 40.0	1/4"	8 x 5/16"	8 x 1/4"	30'-1 3/8"						
RR1-1	40.0 / 40.0	1/4"	8 x 1/2"	8 x 5/8"							



RF ELEVATION AT 2
NOT TO SCALE

BOLT TIGHTENING (Pretensioned)
 All bolted joints with ASTM F3125 Grade A325 bolts are specified as pretensioned joints in accordance with the Specification for Structural Joints Using High-Strength Bolts, June 11, 2020. The specification recognizes five pretensioning methods without preference to any one; (1) Turn-of-Nut, (2) Calibrated Wrench, (3) Twist-Off Tension Control, (4) Direct tension Indicator, and (5) Combined Method.

The metal building manufacturer recommends the use of Turn-of-Nut method as it requires no special bolts, washers, or installation tools. When standard size holes are used with Turn-of-Nut method, and the nut is the part rotated, no washers are required per Section 6.2 of the Specification. The requirements of the Specification, Section 7 shall be completed before joint assembly.

Excerpts from the Specification, Section 8.2.1:
 After the Snug-Tight operation has been performed, the nut rotation as specified in Table 8.1 shall be applied to all bolts in the joint, progressing systematically from the most rigid part of the joint in a manner that will minimize relaxation of previously pretensioned bolts.

Installation inspection requirements for Pretensioned joints using Turn-of-Nut method can be found in Section 9.2.1 of the Specification.

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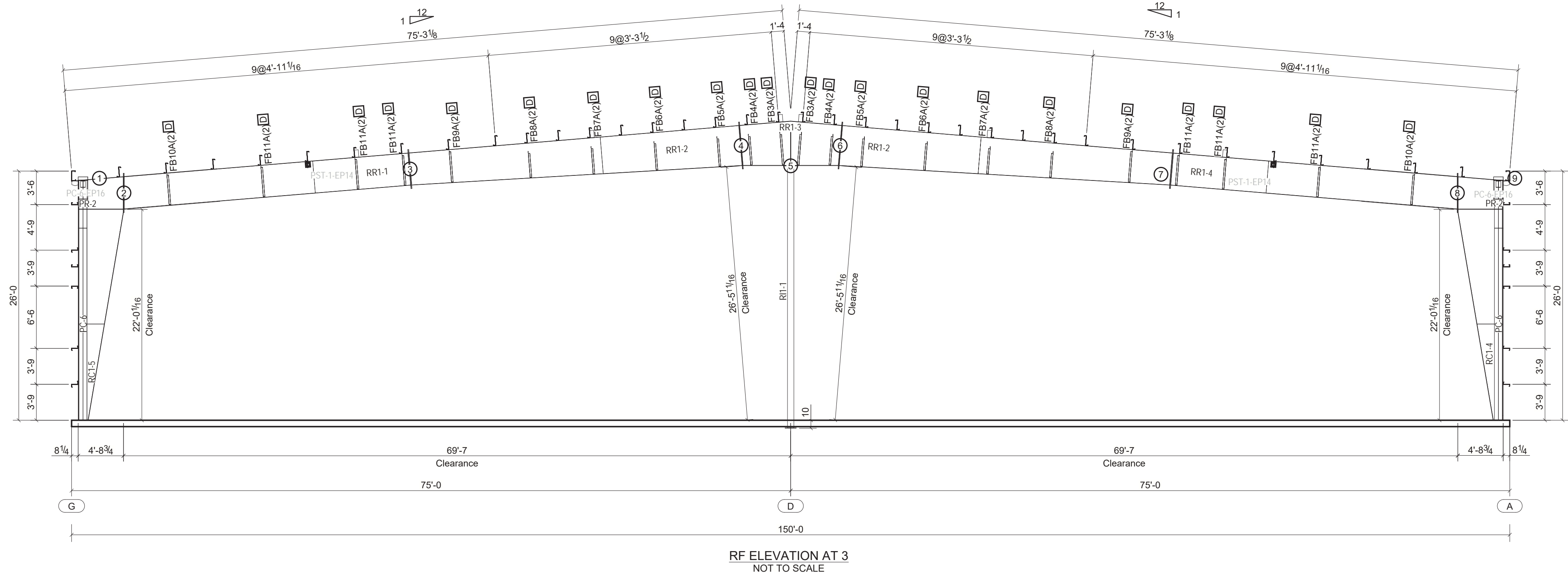
REV	DATE	DESCRIPTION	BY	CHK	DESC	BLDG. SIZE
P1	05/20/2026	For Construction Permit	KLH	JRH	RF ELEVATION AT 2	150'-0" x 100'-8" x 26'-0"
					CUSTOMER:	LOCATION:
					TUFFLI COMPANY, INC.	Torrance, CA 90504
					REFERENCE:	
					150x100-8x26	
					JOB SITE:	COUNTY:
					SPANISH FORK, UT 84660	UTAH
					DWN: CHK: DATE: ENG: JOB NO:	DWG NO: ISSUE:
					KLH JRH 05/07/2026 MVK 15773-39868	P1 P1

Mark	Qty	Type	Dia	Length	Plate W x Thk
1	8	A325N	1	2.75	12 x 3/4"
2	14	A325N	0.75	2.25	10 x 5/8"
3	14	A325N	0.75	2.5	8 x 3/4"
4	12	A325N	0.75	2.25	10 x 5/8"
5	4	A325N	0.625	1.75	10 x 3/8"
6	12	A325N	0.75	2.5	10 x 5/8"
7	14	A325N	0.75	2.5	8 x 3/4"
8	14	A325N	0.75	2.25	10 x 5/8"
9	8	A325N	1	2.75	12 x 3/4"

FLANGE BRACES: FBxxA-D(1 or 2)[S, D or R if required]
 xx = Sequence number
 A = FB2214; C = 56FBB; D = 56FBC
 (1) = One Side; (2) = Two Sides
 (S) = AK222 (8"), AK223 (10") or AK224 (12");
 (D) = AK226 (8"), AK227 (10") or AK228 (12") w/ AK230
 (R) = AA301

MARK	LENGTH
FB3A	5'-8 1/16"
FB4A	5'-5 5/8"
FB5A	5'-4 7/16"
FB6A	5'-3 1/8"
FB7A	5'-1 13/16"
FB8A	5'-0 9/16"
FB9A	4'-2 7/16"
FB10A	4'-1 5/8"
FB11A	4'-1 1/2"

MEMBER TABLE											
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RC1-5	12.0 / 32.3 32.3 / 56.0	3/16" 5/16"	10 x 3/8" 10 x 3/8"	10 x 3/8" 10 x 3/8"	26'-11 3/16"	RC1-4	12.0 / 32.3 32.3 / 56.0	3/16" 5/16"	10 x 3/8" 10 x 3/8"	10 x 3/8" 10 x 3/8"	26'-11 3/16"
RR1-1	40.0 / 40.0 40.0 / 40.0	1/4" 1/4"	8 x 1/2" 8 x 5/16"	8 x 5/8" 8 x 5/16"	30'-1 3/8"						
RR1-2	40.0 / 45.8 45.8 / 50.0	1/4" 1/4"	8 x 5/16" 8 x 1/4"	8 x 1/4" 8 x 1/4"	34'-7 3/8"						
RR1-3	50.1 / 55.2	5/16"	10 x 3/8" 10 x 3/8"	10 x 3/8" 10 x 3/8"	10'-9 7/16"						
RR1-1	T8X250				27'-4 3/4"						
RR1-4	40.0 / 40.0 40.0 / 40.0	1/4" 1/4"	8 x 5/16" 8 x 1/2"	8 x 1/4" 8 x 5/16"	30'-1 3/8"						



BOLT TIGHTENING (Pretensioned)
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 After the Snug-Tight operation has been performed, the nut rotation as specified in Table 8.1 shall be applied to all bolts in the joint, progressing systematically from the most rigid part of the joint in a manner that will minimize relaxation of previously pretensioned bolts.

Installation inspection requirements for Pretensioned joints using Turn-of-Nut method can be found in Section 9.2.1 of the Specification.

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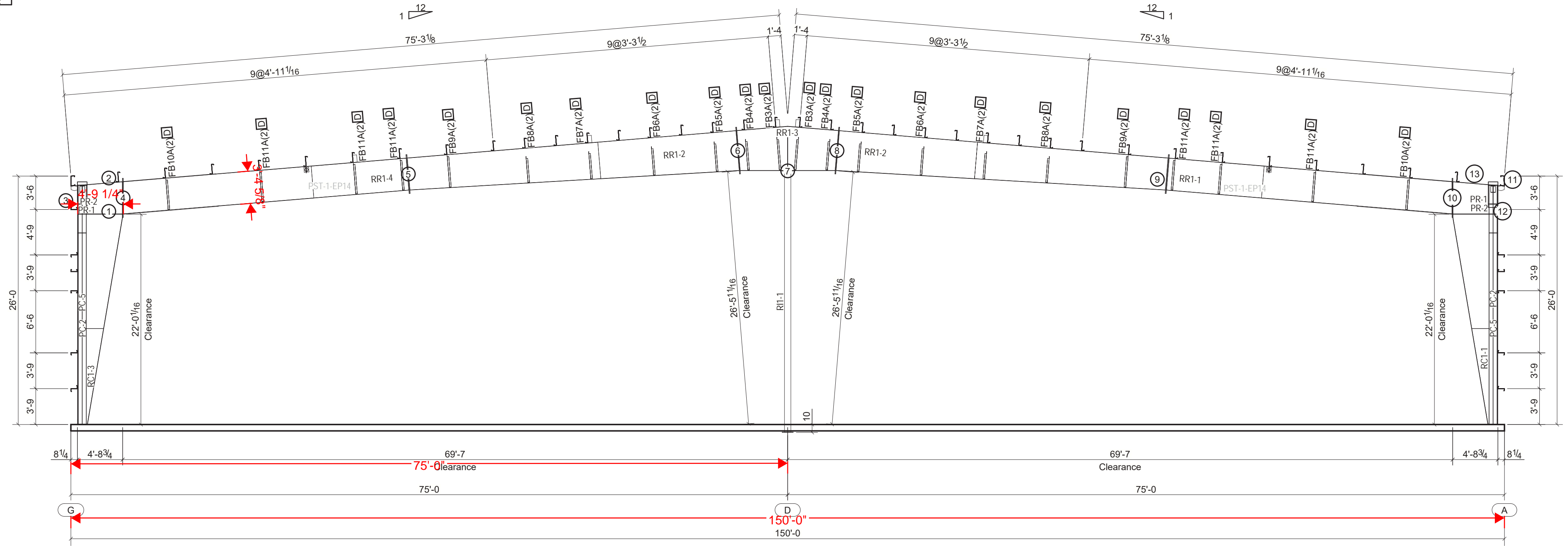
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					CUSTOMER:	LOCATION:
					TUFFLI COMPANY, INC.	Torrance, CA 90504
					REFERENCE:	
					150x100-8x26	
					JOB SITE:	COUNTY:
					SPANISH FORK, UT 84660	UTAH
					DWN: CHK: DATE: ENG: JOB NO: DWG NO: ISSUE:	
					KLH JRH 05/07/2026 MVK 15773-39868 P2 P1	

Mark	Qty	Type	Dia	Length	Plate W x Thk
1	8	A325N	1	2.75	12 x 3/4"
2	8	A325N	1	2.75	12 x 3/4"
3	4	A325N	0.75	2.25	6 x 3/8"
4	14	A325N	0.75	2.25	10 x 5/8"
5	14	A325N	0.75	2.5	8 x 3/4"
6	12	A325N	0.75	2.25	10 x 5/8"
7	4	A325N	0.625	1.75	10 x 3/8"
8	12	A325N	0.75	2.5	10 x 5/8"
9	14	A325N	0.75	2.5	8 x 3/4"
10	14	A325N	0.75	2.25	10 x 5/8"
11	8	A325N	1	2.75	12 x 3/4"
12	8	A325N	1	2.75	12 x 3/4"
13	4	A325N	0.75	2.25	6 x 3/8"

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RR1-4	40.0 / 40.0 40.0 / 40.0	1/4" 1/4"	8 x 1/2" 8 x 5/16"	8 x 5/8" 8 x 5/16"	30'-1 3/8"						
RR1-2	40.0 / 45.8 45.8 / 50.0	1/4" 1/4"	8 x 5/16" 8 x 1/4"	8 x 1/4" 8 x 1/4"	34'-7 3/8"						
RR1-3	50.1 / 55.2	5/16"	10 x 3/8" 10 x 3/8"	10 x 3/8"	10'-9 7/16"						
RR1-1	T8X250				27'-4 3/4"						
RR1-1	40.0 / 40.0 40.0 / 40.0	1/4" 1/4"	8 x 5/16" 8 x 1/2"	8 x 1/4" 8 x 5/16"	30'-1 3/8"						

MARK	LENGTH
FB3A	5'-8 1/16"
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FB5A	5'-4 7/16"
FB6A	5'-3 1/8"
FB7A	5'-1 13/16"
FB8A	5'-0 9/16"
FB9A	4'-2 7/16"
FB10A	4'-1 5/8"
FB11A	4'-1 1/2"



RF ELEVATION AT 4
NOT TO SCALE

BOLT TIGHTENING (Pretensioned)
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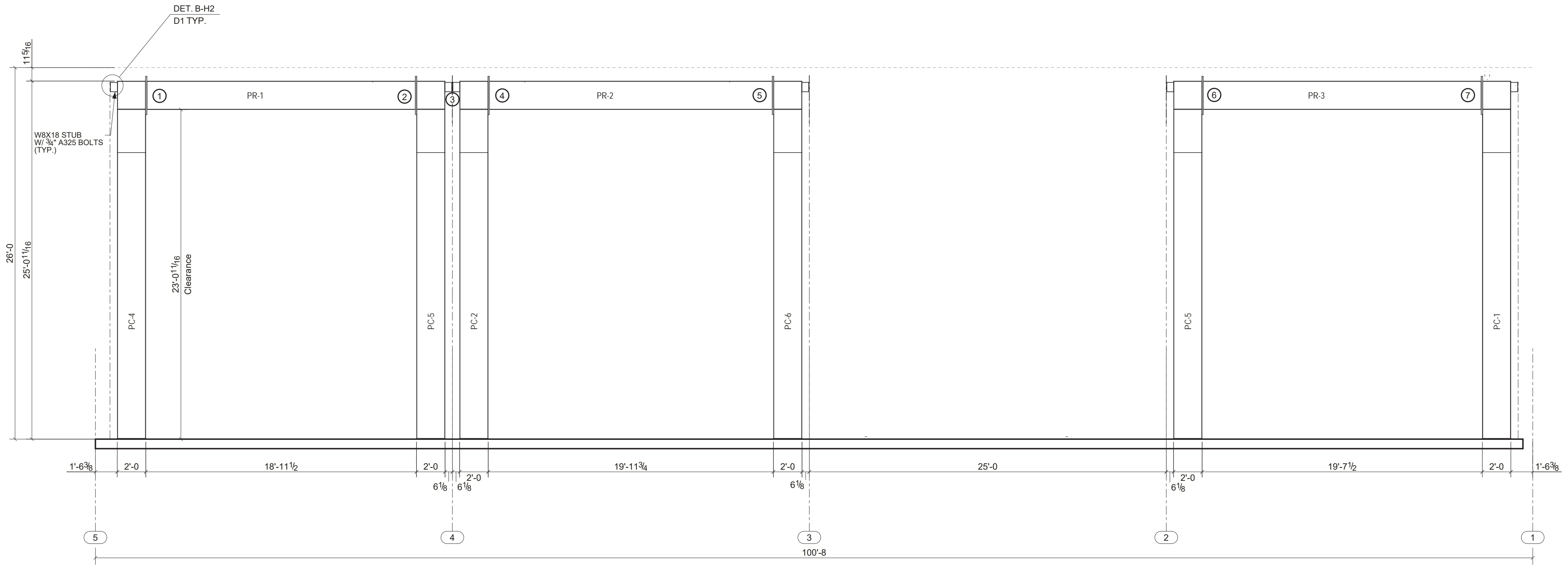
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REV	DATE	DESCRIPTION	BY	CHK	DESC	BLDG. SIZE:
P1	05/20/2026	For Construction Permit	KLH	JRH	RF ELEVATION AT 4	150'-0" x 100'-8" x 26'-0"
					CUSTOMER:	LOCATION:
					TUFFLI COMPANY, INC.	Torrance, CA 90504
					REFERENCE:	
					150x100-8x26	
					JOB SITE:	COUNTY:
					SPANISH FORK, UT 84660	UTAH
					DWN: CHK: DATE: ENG: JOB NO: DWG NO: ISSUE:	
					KLH JRH 05/07/2026 MVK 15773-39868 P3 P1	

SPLICE BOLT TABLE					
Mark	Qty	Type	Dia	Length	Plate W x Thk
1	8	A325N	1	2.75	12 x 3/4"
2	8	A325N	1	2.75	12 x 3/4"
3	4	A325N	0.75	2.25	6 x 3/8"
4	8	A325N	1	2.75	12 x 3/4"
5	8	A325N	1	2.75	12 x 3/4"
6	8	A325N	1	2.75	12 x 3/4"
7	8	A325N	1	2.75	12 x 3/4"

MEMBER TABLE											
Mark	Web Depth Start/End	Web Plate Thick	OS Flange W x Thk	IS Flange W x Thk	Length	Mark	Web Depth Start/End	Web Plate Thick	OS Flange W x Thk	IS Flange W x Thk	Length
PC-4	23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	25'-4 3/4"	PC-1	23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	25'-4 3/4"
PR-1	23.3 / 23.3	3/16"	12 x 3/8"	12 x 3/8"	18'-10 3/4"						
PC-5	23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	25'-4 3/4"						
PC-2	23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	25'-4 3/4"						
PR-2	23.3 / 23.3	3/16"	12 x 3/8"	12 x 3/8"	19'-11"						
PC-6	23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	25'-4 3/4"						
PR-3	23.3 / 23.3	3/16"	12 x 3/8"	12 x 3/8"	19'-6 3/4"						



Portal Frames Line A
NOT TO SCALE

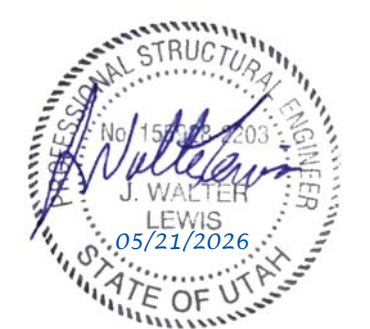
BOLT TIGHTENING (Pretensioned)
All bolted joints with ASTM F3125 Grade A325 bolts are specified as pretensioned joints in accordance with the Specification for Structural Joints Using High-Strength Bolts, June 11, 2020. The specification recognizes five pretensioning methods without preference to any one; (1) Turn-of-Nut, (2) Calibrated Wrench, (3) Twist-Off Tension Control, (4) Direct tension Indicator, and (5) Combined Method.

The metal building manufacturer recommends the use of Turn-of-Nut method as it requires no special bolts, washers, or installation tools. When standard size holes are used with Turn-of-Nut method, and the nut is the part rotated, no washers are required per Section 6.2 of the Specification. The requirements of the Specification, Section 7 shall be completed before joint assembly.

Excerpts from the Specification, Section 8.2.1:
After the Snug-Tight operation has been performed, the nut rotation as specified in Table 8.1 shall be applied to all bolts in the joint, progressing systematically from the most rigid part of the joint in a manner that will minimize relaxation of previously pretensioned bolts.

Installation inspection requirements for Pretensioned joints using Turn-of-Nut method can be found in Section 9.2.1 of the Specification.

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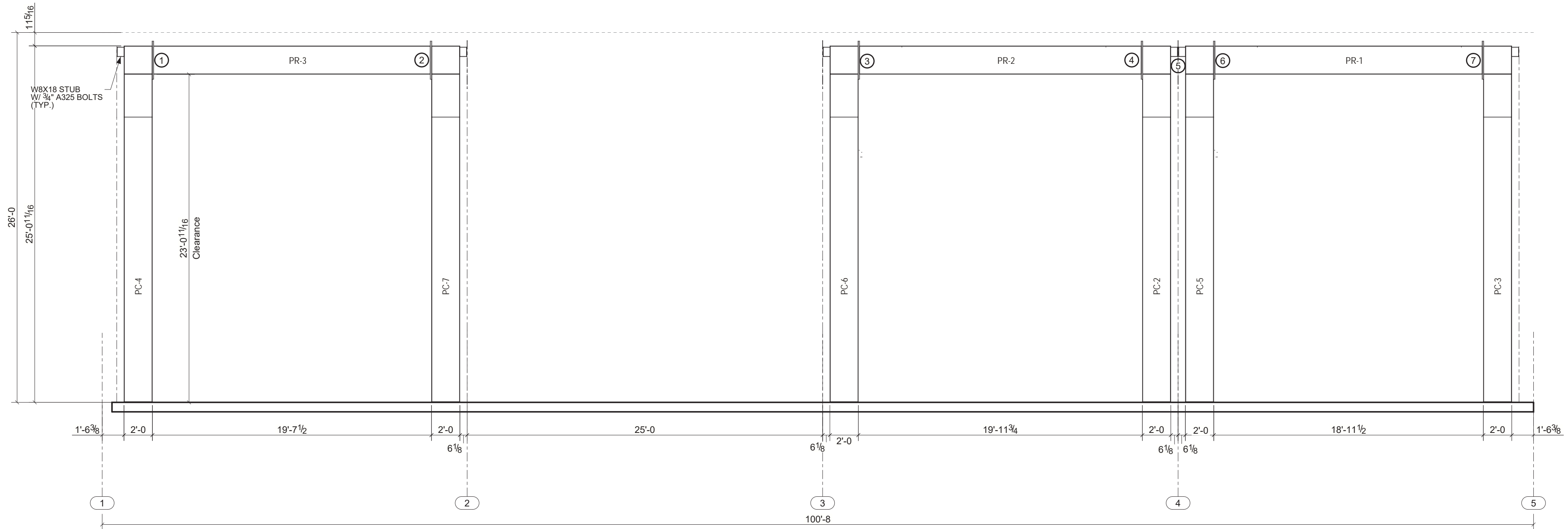
DRAWING STATUS	
<input type="checkbox"/>	FOR APPROVAL: These drawings, being for approval, are by definition not final and are for conceptual representation only. Their purpose is to confirm the proper interpretation of the project documents. Only drawings issued "For Erector Installation" can be considered complete.
<input checked="" type="checkbox"/>	FOR CONSTRUCTION PERMIT: These drawings, being for permit, are by definition not final. Only drawings issued "For Erector Installation" can be considered complete.
<input type="checkbox"/>	FOR ERECTOR INSTALLATION: Final drawings for construction.

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REV	DATE	DESCRIPTION	BY	CHK	DESC:	BLDG. SIZE:
P1	05/20/2026	For Construction Permit	KLH	JRH	PORTAL FRAMES AT LINE A	150'-0" x 100'-8" x 26'-0"
					CUSTOMER:	LOCATION:
					TUFFLI COMPANY, INC.	Torrance, CA 90504
					REFERENCE:	
					150x100-8x26	
					JOB SITE:	COUNTY:
					SPANISH FORK, UT 84660	UTAH
					DWN:	ISSUE:
					CHK: DATE: ENG: JOB NO:	DWG NO: P1
					KLH JRH 05/07/2026 MVK 15773-39868	

SPlice Bolt Table					
Mark	Qty	Type	Dia	Length	Plate W x Thk
1	8	A325N	1	2.75	12 x 3/4"
2	8	A325N	1	2.75	12 x 3/4"
3	8	A325N	1	2.75	12 x 3/4"
4	8	A325N	1	2.75	12 x 3/4"
5	4	A325N	0.75	2.25	6 x 3/8"
6	8	A325N	1	2.75	12 x 3/4"
7	8	A325N	1	2.75	12 x 3/4"

MEMBER TABLE											
Mark	Web Depth Start/End	Web Plate Thick	OS Flange W x Thk	IS Flange W x Thk	Length	Mark	Web Depth Start/End	Web Plate Thick	OS Flange W x Thk	IS Flange W x Thk	Length
PC-4	23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	25'-4 3/4"	PR-1	23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	18'-10 3/4"
PC-7	23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	25'-4 3/4"		23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	
PR-3	23.3 / 23.3	3/16"	12 x 3/8"	12 x 3/8"	19'-6 3/4"	PC-3	23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	25'-4 3/4"
PC-7	23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	25'-4 3/4"		23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	
PC-6	23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	25'-4 3/4"	PR-2	23.3 / 23.3	3/16"	12 x 3/8"	12 x 3/8"	19'-11"
PC-7	23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	25'-4 3/4"		23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	
PC-5	23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	25'-4 3/4"	PC-2	23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	25'-4 3/4"
PC-5	23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	25'-4 3/4"		23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	



Portal Frames Line G
NOT TO SCALE

BOLT TIGHTENING (Pretensioned)
All bolted joints with ASTM F3125 Grade A325 bolts are specified as pretensioned joints in accordance with the Specification for Structural Joints Using High-Strength Bolts, June 11, 2020. The specification recognizes five pretensioning methods without preference to any one; (1) Turn-of-Nut, (2) Calibrated Wrench, (3) Twist-Off Tension Control, (4) Direct tension Indicator, and (5) Combined Method.

The metal building manufacturer recommends the use of Turn-of-Nut method as it requires no special bolts, washers, or installation tools. When standard size holes are used with Turn-of-Nut method, and the nut is the part rotated, no washers are required per Section 6.2 of the Specification. The requirements of the Specification, Section 7 shall be completed before joint assembly.

Excerpts from the Specification, Section 8.2.1:
After the Snug-Tight operation has been performed, the nut rotation as specified in Table 8.1 shall be applied to all bolts in the joint, progressing systematically from the most rigid part of the joint in a manner that will minimize relaxation of previously pretensioned bolts.

Installation inspection requirements for Pretensioned joints using Turn-of-Nut method can be found in Section 9.2.1 of the Specification.

DRAWING STATUS

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FOR CONSTRUCTION PERMIT:
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FOR ERECTOR INSTALLATION:
Final drawings for construction.

WHIRLWIND STEEL BUILDINGS

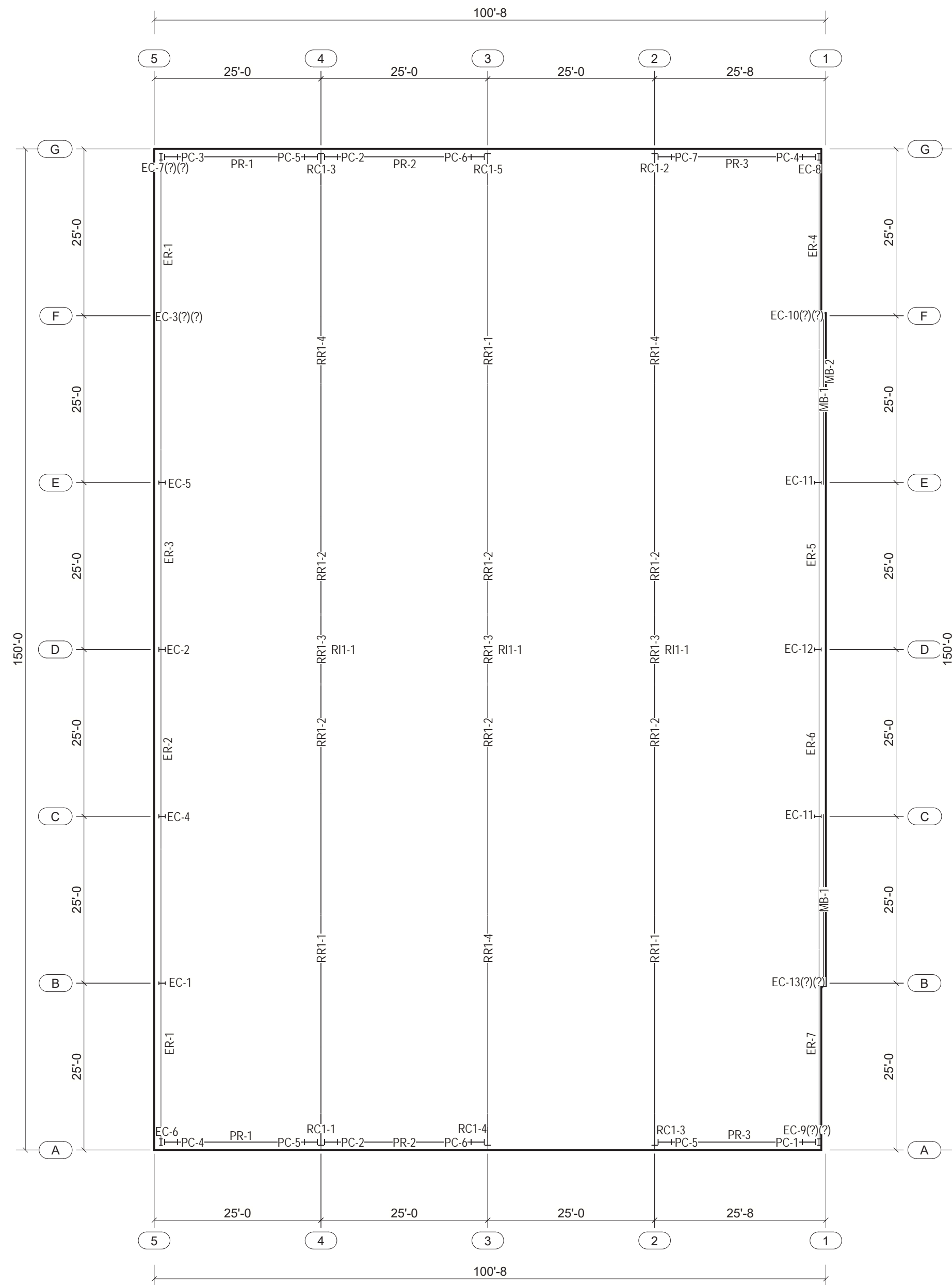
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HOUSTON, TX 77234 FAX: 832-553-4600

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REV	DATE	DESCRIPTION	BY	CHK	DESC:	BLDG. SIZE:
P1	05/20/2026	For Construction Permit	KLH	JRH	PORTAL FRAMES AT LINE G	150'-0" x 100'-8" x 26'-0"
					CUSTOMER:	LOCATION:
					TUFFLI COMPANY, INC.	Torrance, CA 90504
					REFERENCE:	
					150x100-8x26	
					JOB SITE:	COUNTY:
					SPANISH FORK, UT 84660	UTAH
					DWN: CHK: DATE: ENG: JOB NO: DWG NO: ISSUE:	
					KLH JRH 05/07/2026 MVK 15773-39868 W2 P1	

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SHAKEOUT PLAN
NOT TO SCALE

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DRAWING STATUS

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FOR CONSTRUCTION PERMIT:
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FOR ERECTOR INSTALLATION:
Final drawings for construction.

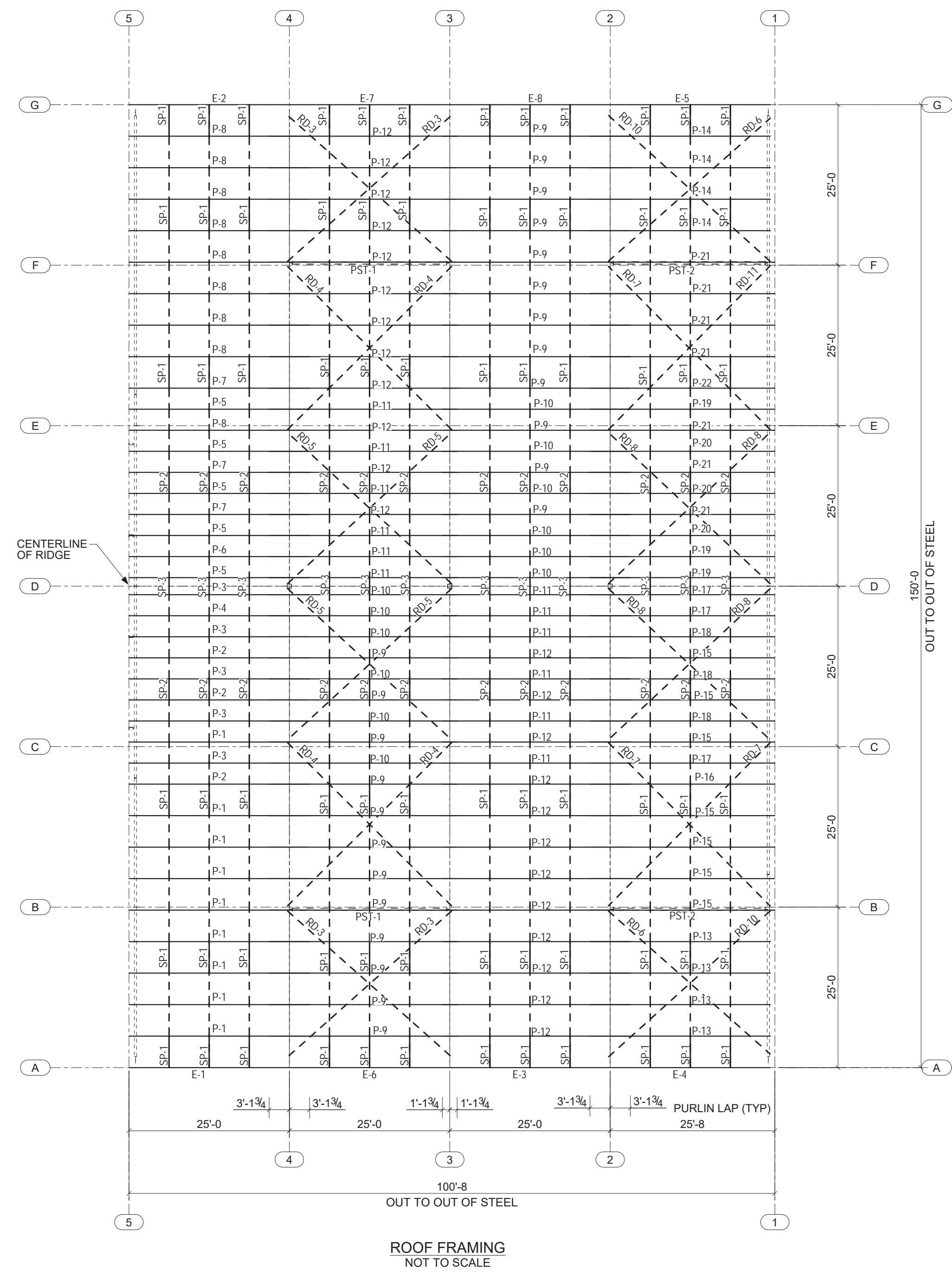
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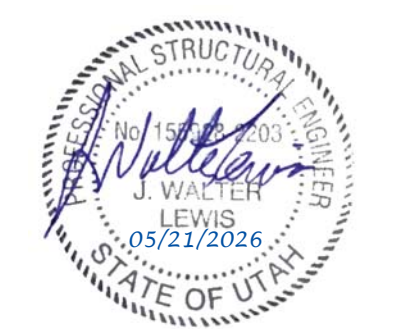
REV	DATE	DESCRIPTION	BY	CHK	DESC:	BLDG. SIZE:
P1	05/20/2026	For Construction Permit	KLH	JRH	SHAKEOUT PLAN	150'-0" x 100'-8" x 26'-0"
					CUSTOMER:	LOCATION:
					TUFFLI COMPANY, INC.	Torrance, CA 90504
					REFERENCE:	
					150x100-8x26	
					JOB SITE:	COUNTY:
					SPANISH FORK, UT 84660	UTAH
					DWN: CHK: DATE: ENG: JOB NO: DWG NO: ISSUE:	
					KLH JRH 05/07/2026 MVK 15773-39868 E1 P1	

MEMBER TABLE	
MARK	PART
E-1	12ES121
E-2	12ES121
E-3	12ES121
E-4	12ES121
E-5	12ES121
E-6	12ES121
E-7	12ES121
E-8	12ES121
P-1	12X25Z14
P-2	12X25Z14
P-3	12X25Z14
P-4	12X25Z14
P-5	12X25Z14
P-6	12X25Z14
P-7	12X25Z14
P-8	12X25Z14
P-9	12X25Z14
P-10	12X25Z14
P-11	12X25Z14
P-12	12X25Z14
P-13	12X25Z14
P-14	12X25Z14
P-15	12X25Z14
P-16	12X25Z14
P-17	12X25Z14
P-18	12X25Z14
P-19	12X25Z14
P-20	12X25Z14
P-21	12X25Z14
P-22	12X25Z14
RD-3	1.25 ROD
RD-4	1.25 ROD
RD-5	1.25 ROD
RD-6	1.25 ROD
RD-7	1.25 ROD
RD-8	1.25 ROD
RD-10	1.25 ROD
RD-11	1.25 ROD



ROOF FRAMING
NOT TO SCALE

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DRAWING STATUS

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FOR CONSTRUCTION PERMIT:
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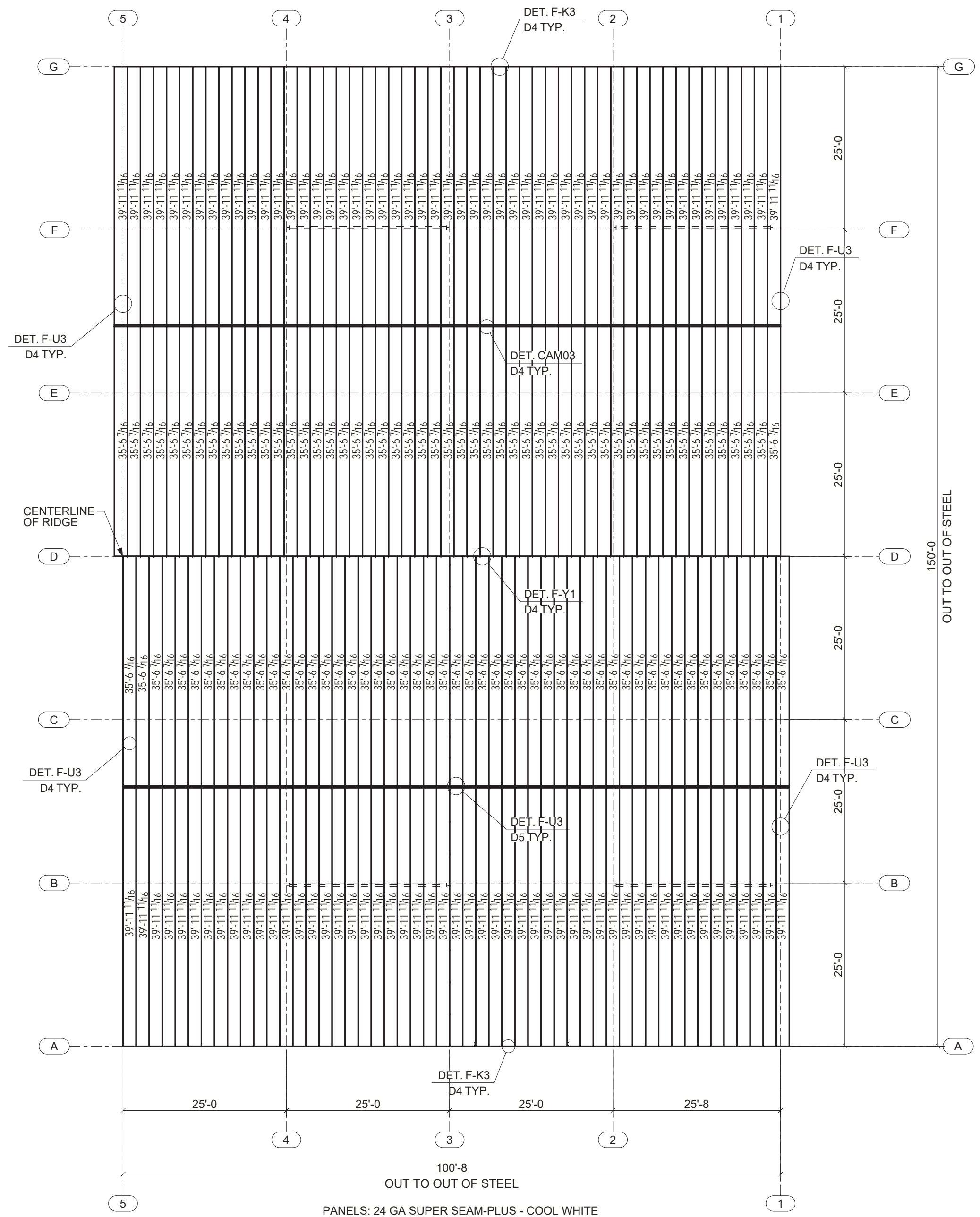
FOR ERECTOR INSTALLATION:
Final drawings for construction.

WHIRLWIND STEEL BUILDINGS

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REV	DATE	DESCRIPTION	BY	CHK	DESC	BLDG. SIZE
P1	05/20/2026	For Construction Permit	KLH	JRH	ROOF FRAMING	150'-0" x 100'-8" x 26'-0"
					CUSTOMER:	LOCATION:
					TUFFLI COMPANY, INC.	Torrance, CA 90504
					REFERENCE:	
					150x100-8x26	
					JOB SITE:	COUNTY:
					SPANISH FORK, UT 84660	UTAH
DWN:	CHK:	DATE:	ENG:	JOB NO:	DWG NO:	ISSUE:
KLH	JRH	05/07/2026	MVK	15773-39868	E2	P1



PANELS: 24 GA SUPER SEAM-PLUS - COOL WHITE
ROOF SHEETING
 NOT TO SCALE



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DRAWING STATUS

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FOR ERECTOR INSTALLATION:
 Final drawings for construction.

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REV	DATE	DESCRIPTION	BY	CHK	DESC	BLDG. SIZE
P1	05/20/2026	For Construction Permit	KLH	JRH	ROOF SHEETING	150'-0" x 100'-8" x 26'-0"
					CUSTOMER:	LOCATION:
					TUFFLI COMPANY, INC.	Torrance, CA 90504
					REFERENCE:	
					150x100-8x26	
					JOB SITE:	COUNTY:
					SPANISH FORK, UT 84660	UTAH
DWN:	CHK:	DATE:	ENG:	JOB NO:	DWG NO:	ISSUE:
KLH	JRH	05/07/2026	MVK	15773-39868	E3	P1

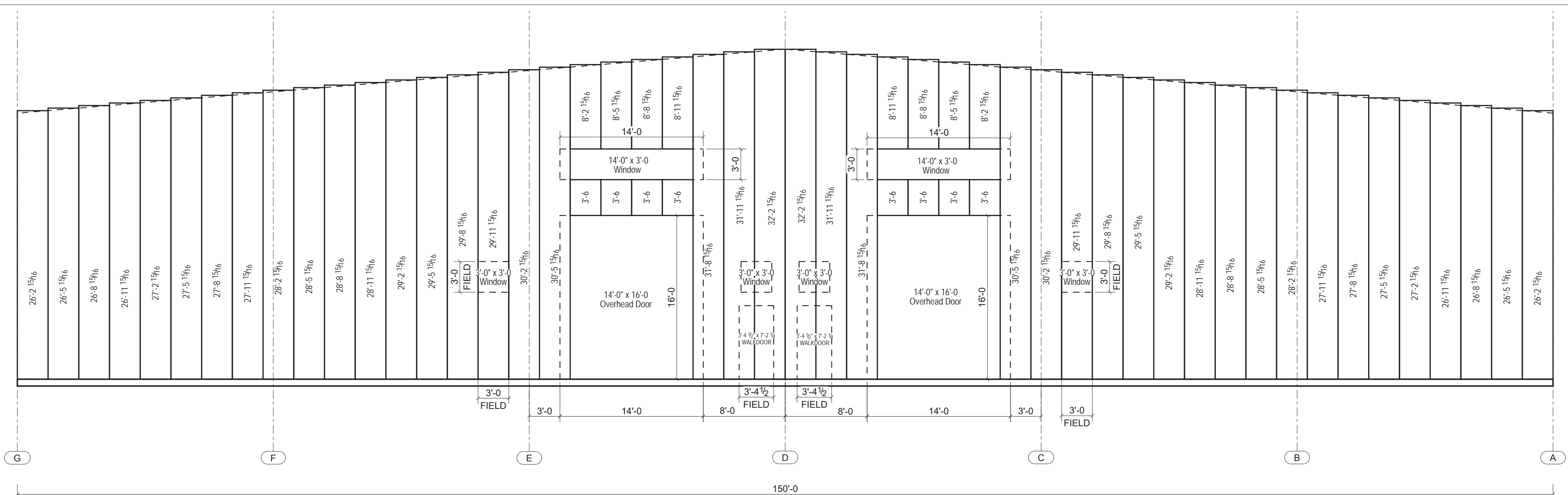
SPLICE BOLT TABLE				
Mark	Qty	Type	Dia	Length
1	4	A307	0.5	1.25
2	8	A325N	0.625	2
3	12	A325N	0.625	2
4	8	A325N	0.625	2
5	4	A307	0.5	1.25

FLANGE BRACES: FBxxA-D(1 or 2)(S, D or R if required)
 xx = Sequence number
 A = FB2214; C = 56FBB; D = 56FBC
 (1) = One Side; (2) = Two Sides
 (S) = AK222 (8"), AK223 (10") or AK224 (12");
 (D) = AK226 (8"), AK227 (10") or AK228 (12") w/ AK230
 (R) = AA301

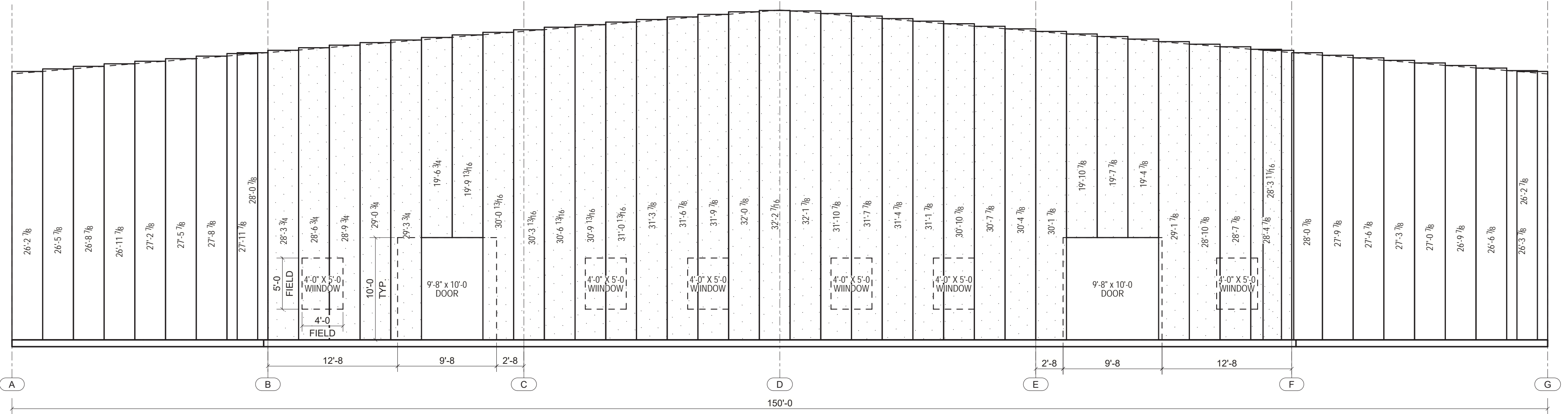
CONNECTION PLATES	
Id	Mark
1	AB201
2	AK200
3	AK401

MEMBER TABLE											
Mark	Web Depth Start/End	Web Plate Thick	OS Flange W x Thk	IS Flange W x Thk	Length	Mark	Web Depth Start/End	Web Plate Thick	OS Flange W x Thk	IS Flange W x Thk	Length
EC-7(?)	11.5 / 11.5	10GA	5 x 1/4"	5 x 1/4"	25'-1 3/8"	EC-1	11.4 / 11.4	10GA	6 x 5/16"	6 x 5/16"	26'-11 3/16"
PC-3	11.5 / 11.5	10GA	5 x 1/4"	5 x 1/4"	25'-4 3/4"	PC-4	11.5 / 11.5	10GA	5 x 1/4"	5 x 1/4"	25'-4 3/4"
EC-3(?)	11.5 / 11.5	10GA	5 x 1/4"	5 x 1/4"	26'-11 3/16"	EC-6	11.5 / 11.5	10GA	5 x 1/4"	5 x 1/4"	25'-1 3/8"
ER-1	11.4 / 11.4	10GA	6 x 5/16"	6 x 5/16"	43'-7 5/16"						
EC-5	11.4 / 11.4	10GA	6 x 5/16"	6 x 5/16"	28'-21 3/16"						
ER-3	11.4 / 11.4	10GA	6 x 5/16"	6 x 5/16"	30'-0 9/16"						
EC-2	11.5 / 11.5	10GA	8 x 1/4"	8 x 1/4"	30'-1 9/16"						
ER-2	11.5 / 11.5	10GA	8 x 1/4"	8 x 1/4"	30'-0 9/16"						
EC-4	11.4 / 11.4	10GA	6 x 5/16"	6 x 5/16"	28'-21 3/16"						

MEMBER TABLE	
MARK	PART
DH-1	8X25C14
DH-2	8X25C14
DH-3	PM-106
DJ-1	8X25C14
DJ-2	8X35C14
DJ-3	8X25C14
DJ-4	8X35C14
DJ-5	8X35C14
DJ-6	8X35C14
DJ-7	8X35C14
DJ-8	8X35C14
DS-1	8X25C14
DS-2	8X25C14
DS-3	8X25C14
DS-4	8X25C14
G-1	8X25Z16
G-2	8X25Z16
G-3	8X25Z16
G-4	8X25Z16
G-5	8X25Z16
G-6	8X25Z12
G-7	8X25Z12
G-8	8X25Z16
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G-134	8X25Z16
G-135	8X25Z16
G-136	8X25Z16
G-137	8X25Z16
G-138	8X25Z16
G-139	8X25Z16
G-140	8X25Z16
G-141	8X25Z16
G-142	8X25Z16
G-143	8X25Z16
G-144	8X25Z16
G-145	8X25Z16
G-146	8X25Z16
G-147	8X25Z16
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G-380	8X25Z16
G-381	8X25Z16
G-382	8X25Z16
G-383	8X25Z16
G-384	8X25Z16



PANELS: 26 GA SUPER SPAN X - OLD TOWN GRAY
 EW SHEETING AT 5
 NOT TO SCALE



PANELS: 26 GA SUPER SPAN X - OLD TOWN GRAY
 PANELS(BETWEEN LINES B - F): 26 GA 7.2 PANELS - POLAR WHITE
 EW SHEETING AT 1
 NOT TO SCALE



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FOR CONSTRUCTION PERMIT:
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FOR ERECTOR INSTALLATION:
 Final drawings for construction.

WHIRLWIND STEEL BUILDINGS

P.O. BOX 75280
 HOUSTON, TX 77234

PH: 800-324-9992
 FAX: 832-553-4600

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REV	DATE	DESCRIPTION	BY	CHK	DESC	BLDG. SIZE
P1	05/20/2026	For Construction Permit	KLH	JRH	EW SHEETING AT LINE 5 & 1	150'-0" x 100'-8" x 26'-0"
					CUSTOMER:	LOCATION:
					TUFFLI COMPANY, INC.	Torrance, CA 90504
					REFERENCE:	
					150x100-8x26	
					JOB SITE:	COUNTY:
					SPANISH FORK, UT 84660	UTAH
DWN:	CHK:	DATE:	ENG:	JOB NO:	DWG NO:	ISSUE:
KLH	JRH	05/07/2026	MVK	15773-39868	E5	P1

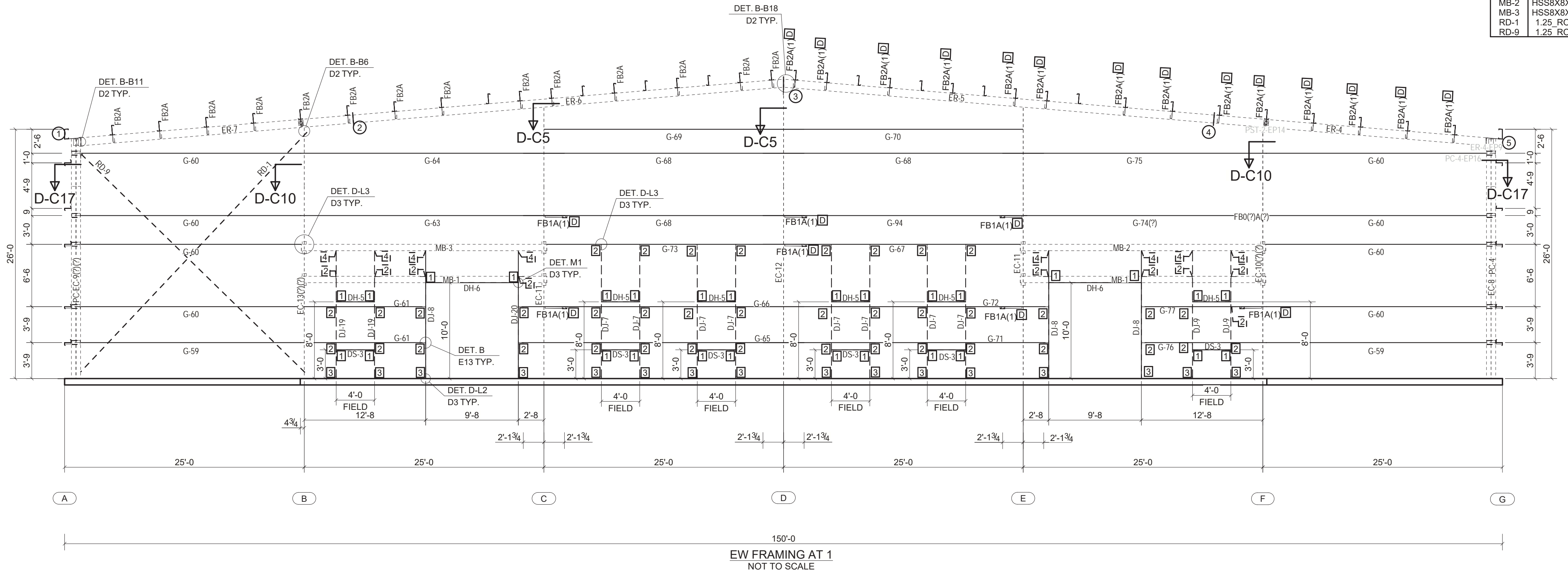
SPLICE BOLT TABLE				
Mark	Qty	Type	Dia	Length
1	4	A307	0.5	1.25
2	8	A325N	0.625	2
3	12	A325N	0.625	2
4	8	A325N	0.625	2
5	4	A307	0.5	1.25

FLANGE BRACES: FBxxA-D(1 or 2)(S, D or R if required)
 xx = Sequence number
 A = FB2214; C = 56FBB; D = 56FBC
 (1) = One Side; (2) = Two Sides
 (S) = AK222 (8"), AK223 (10") or AK224 (12");
 (D) = AK226 (8"), AK227 (10") or AK228 (12") w/ AK230
 (R) = AA301

CONNECTION PLATES	
Id	Mark
1	AB201
2	AK200
3	AK401
4	XCL-10

MEMBER TABLE											
Mark	Web Depth Start/End	Web Plate Thick	OS Flange W x Thk	IS Flange W x Thk	Length	Mark	Web Depth Start/End	Web Plate Thick	OS Flange W x Thk	IS Flange W x Thk	Length
EC-9(?)	11.5 / 11.5	10GA	5 x 1/4"	5 x 1/4"	25'-1 3/8"	ER-5	W10X15				45'-1 9/16"
PC-1	11.5 / 11.5	10GA	5 x 1/4"	5 x 1/4"	25'-4 3/4"	MB-2	HSS8X8X3/8				25'-10 3/8"
	23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"		ER-4	W10X15				28'-6 9/16"
MB-1	11.5 / 11.5	10GA	5 x 1/4"	5 x 1/4"	25'-7 1/2"	EC-10(?)	11.5 / 11.5	10GA	5 x 1/4"	5 x 1/4"	26'-11 1/16"
	23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"			11.5 / 11.5	10GA	5 x 1/4"	5 x 1/4"	
EC-13(?)	11.5 / 11.5	10GA	5 x 1/4"	5 x 1/4"	26'-11 1/16"	PC-4	23.3 / 23.3	3/16"	10 x 3/8"	10 x 3/8"	25'-4 3/4"
ER-7	11.5 / 11.5	10GA	5 x 1/4"	5 x 1/4"	28'-6 9/16"	EC-8	11.5 / 11.5	10GA	5 x 1/4"	5 x 1/4"	25'-1 3/8"
EC-11	11.5 / 11.5	10GA	5 x 1/4"	5 x 1/4"	28'-21 1/16"		11.5 / 11.5	10GA	5 x 1/4"	5 x 1/4"	
ER-6	11.5 / 11.5	10GA	6 x 1/4"	6 x 1/4"	45'-1 9/16"						
EC-12	11.5 / 11.5	10GA	6 x 1/4"	6 x 1/4"	30'-1 1/16"						

MEMBER TABLE	
MARK	PART
DH-5	8X25C14
DH-6	8X25C14
DJ-7	8X25C14
DJ-8	8X25C14
DJ-9	8X25C14
DJ-19	8X25C14
DJ-20	8X25C14
DS-3	8X25C14
G-74(?)	8X25Z16
G-59	8X35Z16
G-60	8X25Z12
G-61	8X25Z16
G-63	8X25Z16
G-64	8X25Z14
G-65	8X25Z16
G-66	8X25Z16
G-67	8X25Z14
G-68	8X25Z16
G-69	8X25Z16
G-70	8X25Z16
G-71	8X25Z16
G-72	8X25Z16
G-73	8X25Z14
G-75	8X25Z14
G-76	8X25Z16
G-77	8X25Z16
G-94	8X25Z16
MB-1	HSS8X8X3/8
MB-2	HSS8X8X3/8
MB-3	HSS8X8X3/8
RD-1	1.25 ROD
RD-9	1.25 ROD



150'-0"
 EW FRAMING AT 1
 NOT TO SCALE

- GENERAL FRAMING NOTES**
- Angles are marked by their length in feet and inches.
 - Field cut or lap angles as required to fit.
 - Flange braces are marked by their length in decimal inches.
 - Outside flange of girt turns down unless noted.
 - Endwall girts and eave struts do not lap.
 - Field cut and self-lap girts at walk doors.
 - Field slot girts for brace rods or cables.
 - Field locate windows and doors.
 - Field weld all splices at 14 gauge valley gutters.
 - Field bolt AK400 base clip to endwall columns:
 (2) 3/8" x 1-1/2" A325 bolts if (1) AK400 req'd
 (2) 3/8" x 1-1/4" A325 bolts if (2) AK400 req'd
 - Locate top of roof framed openings flush with the pan of the roof panel.
 - Some field drilling at framed openings may be required. Field drill 3/16" diameter holes.
 - For clarity, tape sealant, closures, etc. may not be shown. Refer to the standing seam erection manual or standard pull out for screw-down type roof for additional installation instructions.
 - Sub-jamb for overhead doors, if required, are not furnished by The Metal Building Manufacturer.

DRAWING STATUS

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FOR ERECTOR INSTALLATION:
 Final drawings for construction.

WHIRLWIND STEEL BUILDINGS

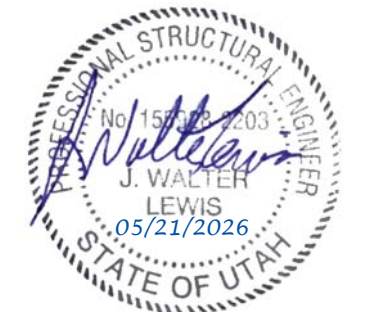
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 FAX: 832-553-4600

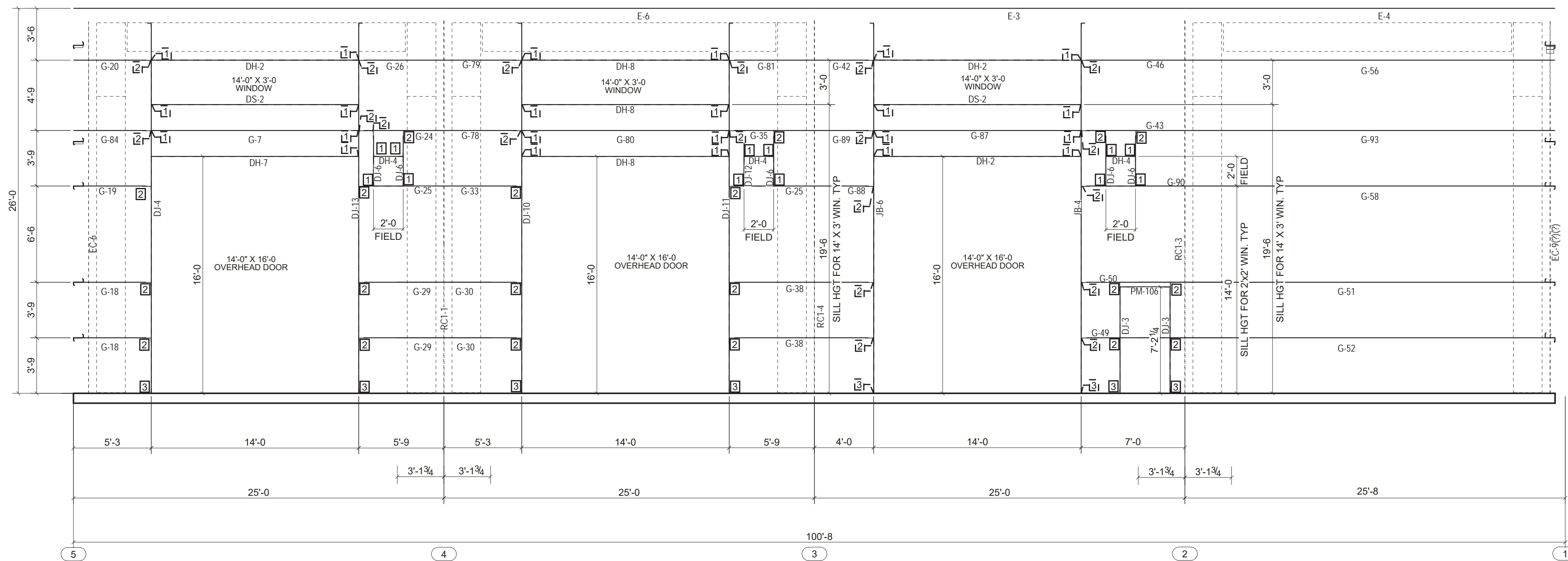
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REV	DATE	DESCRIPTION	BY	CHK	DESC:	BLDG. SIZE:
P1	05/20/2026	For Construction Permit	KLH	JRH	EW FRAMING AT 1	150'-0" x 100'-8" x 26'-0"
					CUSTOMER:	LOCATION:
					TUFFLI COMPANY, INC.	Torrance, CA 90504
					REFERENCE:	
					150x100-8x26	
					JOB SITE:	COUNTY:
					SPANISH FORK, UT 84660	UTAH
					DWN: CHK: DATE: ENG: JOB NO: DWG NO: ISSUE:	
					KLH JRH 05/07/2026 MVK 15773-39868 E6 P1	

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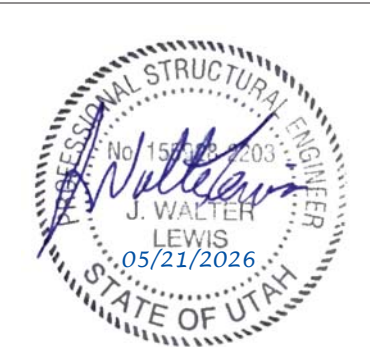


CONNECTION PLATES		MEMBER TABLE	
Id	Mark	MARK	PART
1	AB201	DH-2	8X25C14
2	AK200	DH-3	PM-106
3	AK401	DH-4	8X25C14
		DH-7	8X25C14
		DH-8	8X25C14
		DJ-3	8X25C14
		DJ-4	8X35C14
		DJ-6	8X25C14
		DJ-10	8X35C14
		DJ-11	8X35C14
		DJ-12	8X25C14
		DJ-13	8X35C14
		DS-2	8X25C14
		G-7	8X25Z12
		G-18	8X25Z16
		G-19	8X25C16
		G-20	8X25C14
		G-24	8X25Z12
		G-25	8X25C16
		G-26	8X25C14
		G-29	8X25Z16
		G-30	8X25Z16
		G-33	8X25C16
		G-35	8X25Z16
		G-38	8X25Z16
		G-42	8X25C14
		G-43	8X25Z16
		G-46	8X25C14
		G-49	8X35Z16
		G-50	8X25Z16
		G-51	8X25Z16
		G-52	8X25Z16
		G-56	8X35Z14
		G-58	8X35Z12
		G-78	8X25Z16
		G-79	8X25C14
		G-80	8X25Z16
		G-81	8X25C14
		G-84	8X25Z12
		G-87	8X25Z16
		G-88	8X25C16
		G-89	8X25Z16
		G-90	8X25C16
		G-93	8X25Z16
		JB-4	8X35C14
		JB-6	8X35C14



SW FRAMING AT A
NOT TO SCALE

- GENERAL FRAMING NOTES**
- Angles are marked by their length in feet and inches.
 - Field cut or lap angles as required to fit.
 - Flange braces are marked by their length in decimal inches.
 - Outside flange of girt turns down unless noted.
 - Endwall girts and eave struts do not lap.
 - Field cut and self-tap girts at walk doors.
 - Field slot girts for brace rods or cables.
 - Field locate windows and doors.
 - Field weld all splices at 14 gauge valley gutters.
 - Field bolt AK400 base clip to endwall columns:
(2) 5/8" x 1-1/2" A325 bolts if (1) AK400 req'd
(2) 5/8" x 1-1/4" A325 bolts if (2) AK400 req'd
 - Locate top of roof framed openings flush with the pan of the roof panel.
 - Some field drilling at framed openings may be required. Field drill 9/16" diameter holes.
 - For clarity, tape sealant, closures, etc. may not be shown. Refer to the standing seam erection manual or standard pull out for screw-down type roof for additional installation instructions.
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Final drawings for construction.

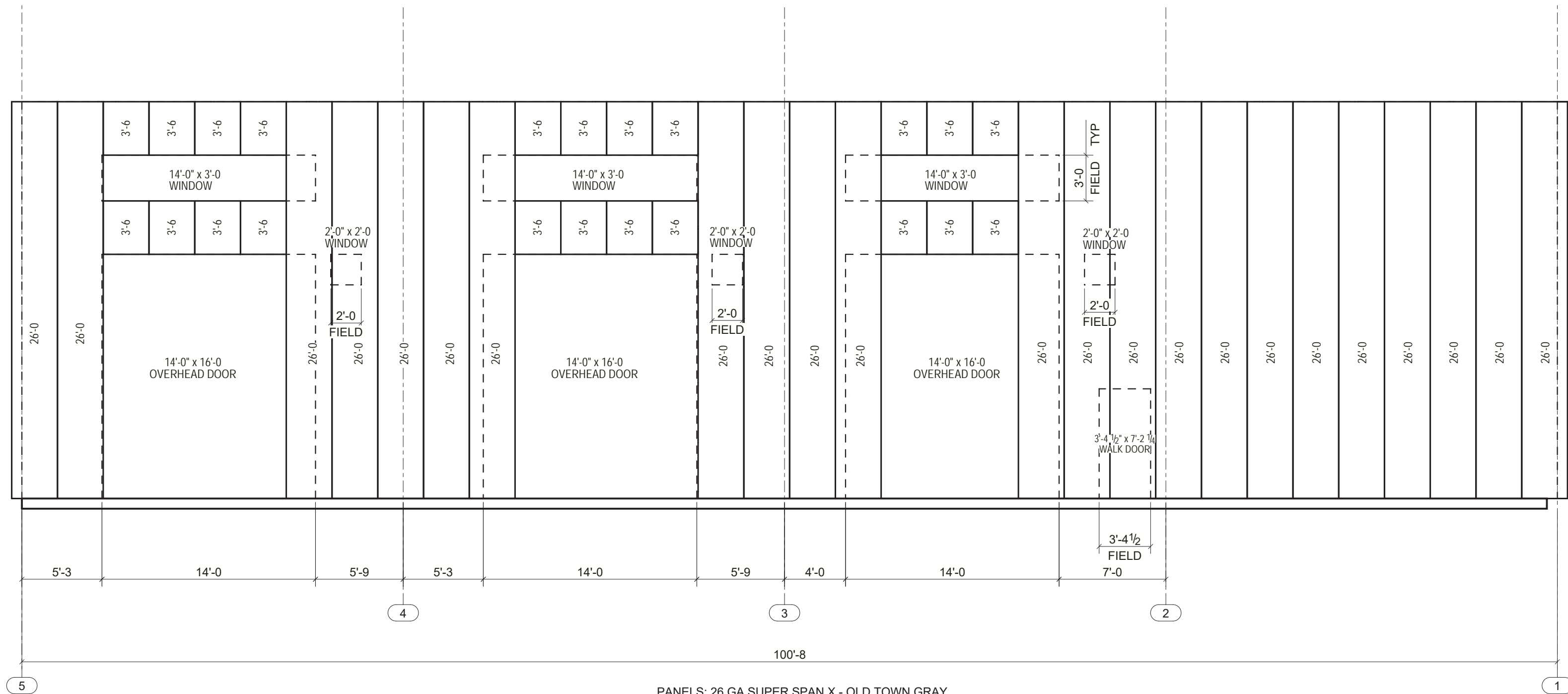
WHIRLWIND STEEL BUILDINGS

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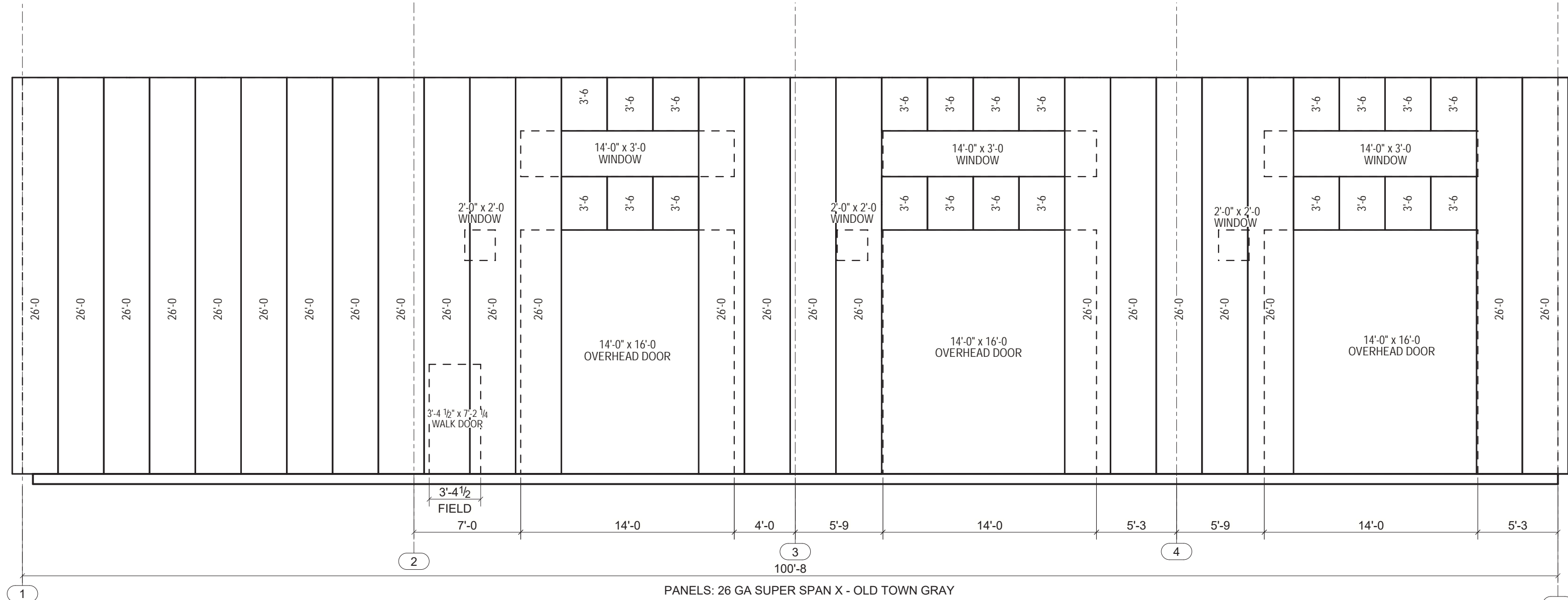
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REV	DATE	DESCRIPTION	BY	CHK	DESC:	BLDG. SIZE:
P1	05/20/2026	For Construction Permit	KLH	JRH	SW FRAMING AT A	150'-0" x 100'-8" x 26'-0"
					CUSTOMER:	LOCATION:
					TUFFLI COMPANY, INC.	Torrance, CA 90504
					REFERENCE:	
					150x100-8x26	
					JOB SITE:	COUNTY:
					SPANISH FORK, UT 84660	UTAH
					DWN:	DATE:
					KLH	05/07/2026
					ENG:	JOB NO.:
					MVK	15773-39868
					DWG NO.:	ISSUE:
					E7	P1



PANELS: 26 GA SUPER SPAN X - OLD TOWN GRAY
 SW SHEETING AT A
 NOT TO SCALE



PANELS: 26 GA SUPER SPAN X - OLD TOWN GRAY
 SW SHEETING AT G
 NOT TO SCALE



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WHIRLWIND STEEL BUILDINGS

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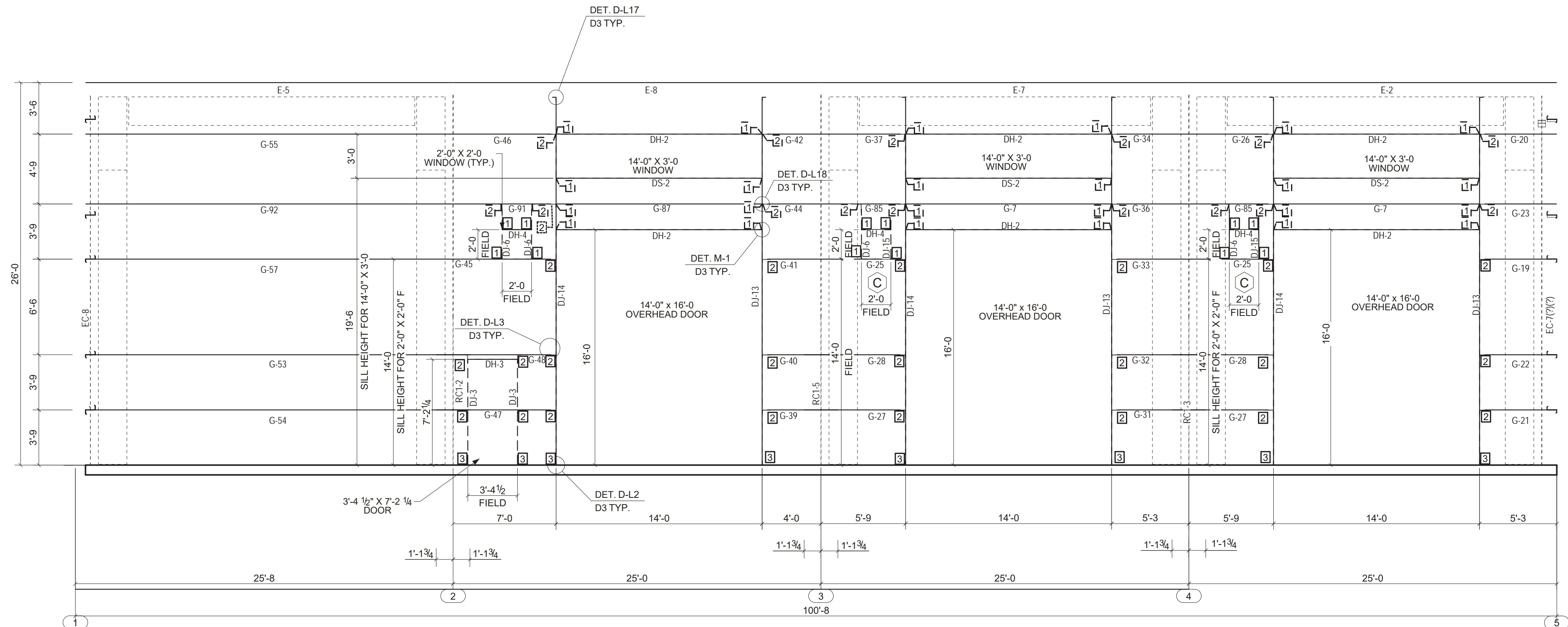
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REV	DATE	DESCRIPTION	BY	CHK	DESC	BLDG. SIZE
P1	05/20/2026	For Construction Permit	KLH	JRH	SW SHEETING AT A & G	150'-0" x 100'-8" x 26'-0"
					CUSTOMER:	LOCATION:
					TUFFLI COMPANY, INC.	Torrance, CA 90504
					REFERENCE:	
					150x100-8x26	
					JOB SITE:	COUNTY:
					SPANISH FORK, UT 84660	UTAH
DWN:	CHK:	DATE:	ENG:	JOB NO:	DWG NO:	ISSUE:
KLH	JRH	05/07/2026	MVK	15773-39868	E8	P1

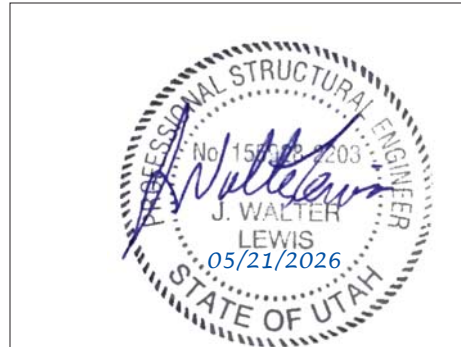
FRAMED OPENING	TEXT
A	14'-0" x 16'-0" Overhead Door
B	14'-0" x 3'-0" Windows
C	2'-0" x 2'-0" Windows
D	3'-4 1/2" x 7'-2 1/4" Windows

CONNECTION PLATES		MEMBER TABLE	
Id	Mark	MARK	PART
1	AB201	DH-2	8X25C14
2	AK200	DH-3	PM-106
3	AK401	DH-4	8X25C14
		DJ-3	8X25C14
		DJ-6	8X25C14
		DJ-13	8X35C14
		DJ-14	8X35C14
		DJ-15	8X25C14
		DS-2	8X25C14
		G-7	8X25Z12
		G-19	8X25C16
		G-20	8X25C14
		G-21	8X35Z16
		G-22	8X25Z16
		G-23	8X25Z12
		G-25	8X25C16
		G-26	8X25C14
		G-27	8X35Z16
		G-28	8X25Z16
		G-31	8X35Z16
		G-32	8X25Z16
		G-33	8X25C16
		G-34	8X25C14
		G-36	8X25Z12
		G-37	8X25C14
		G-39	8X35Z16
		G-40	8X25Z16
		G-41	8X25C16
		G-42	8X25C14
		G-44	8X25Z16
		G-45	8X25C16
		G-46	8X25C14
		G-47	8X35Z16
		G-48	8X25Z14
		G-53	8X25Z16
		G-54	8X35Z16
		G-55	8X35Z14
		G-57	8X35Z12
		G-85	8X25Z12
		G-87	8X25Z16
		G-91	8X25Z16
		G-92	8X25Z16



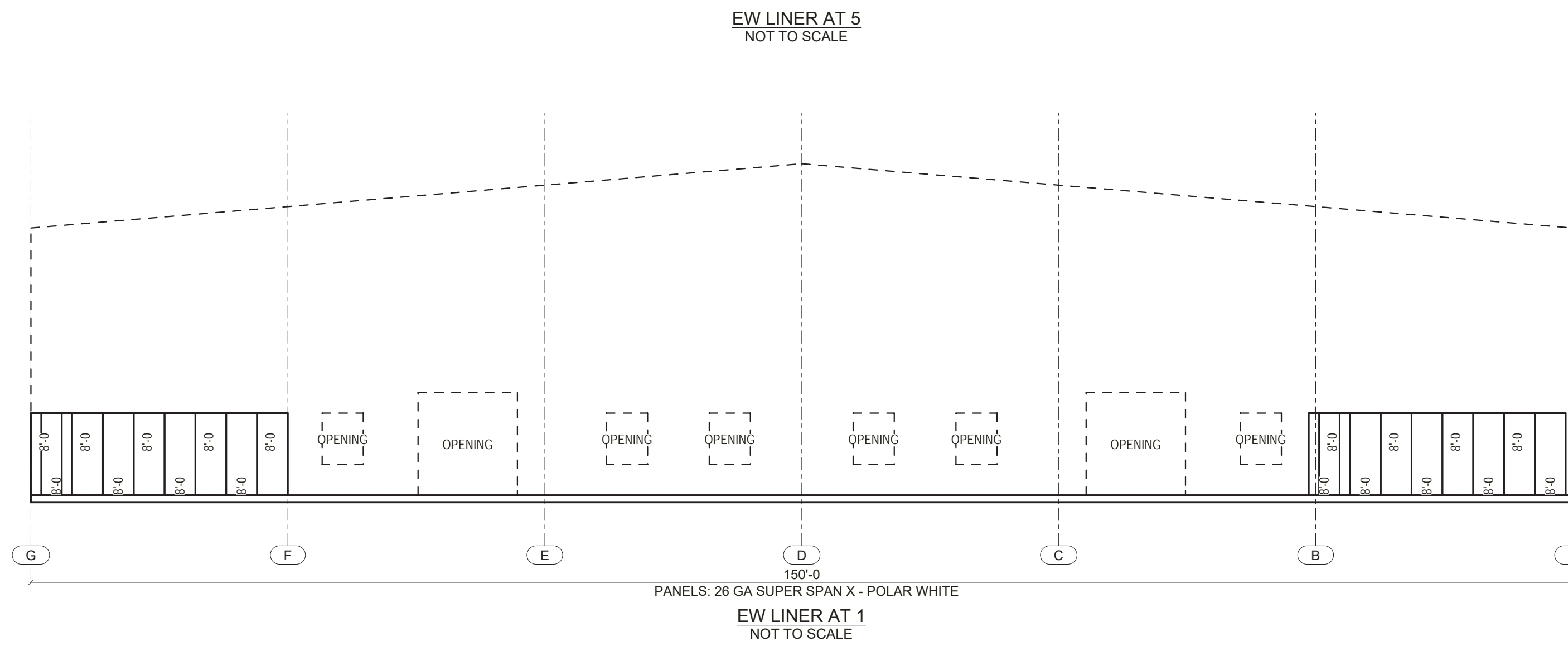
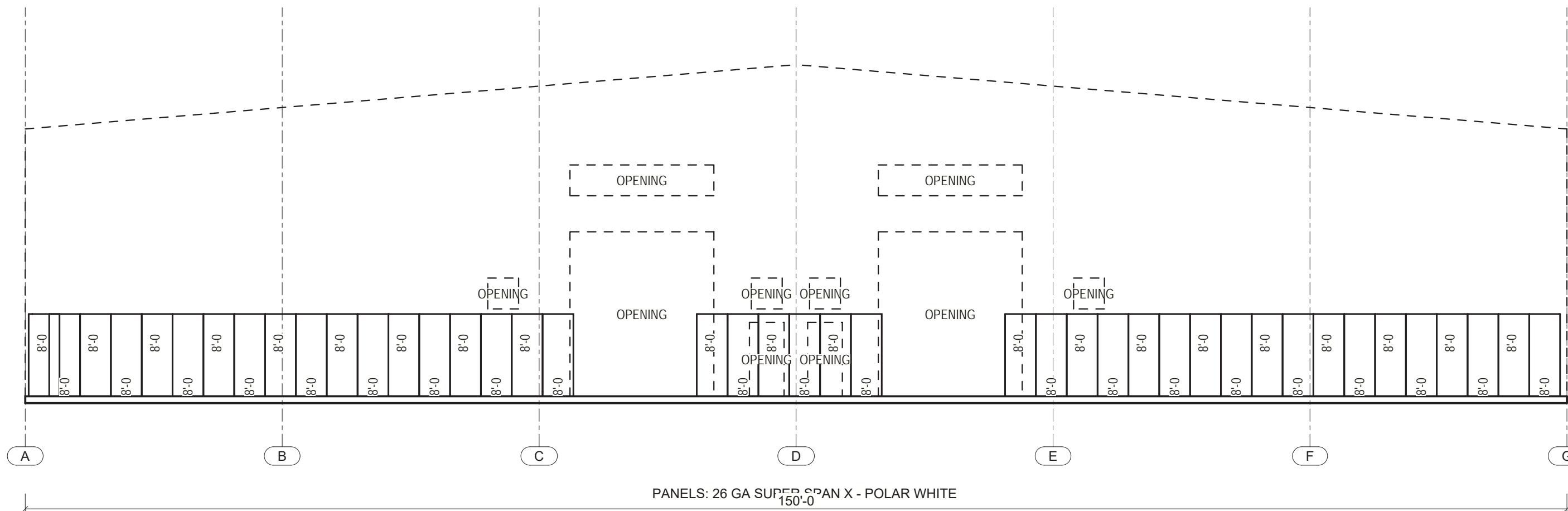
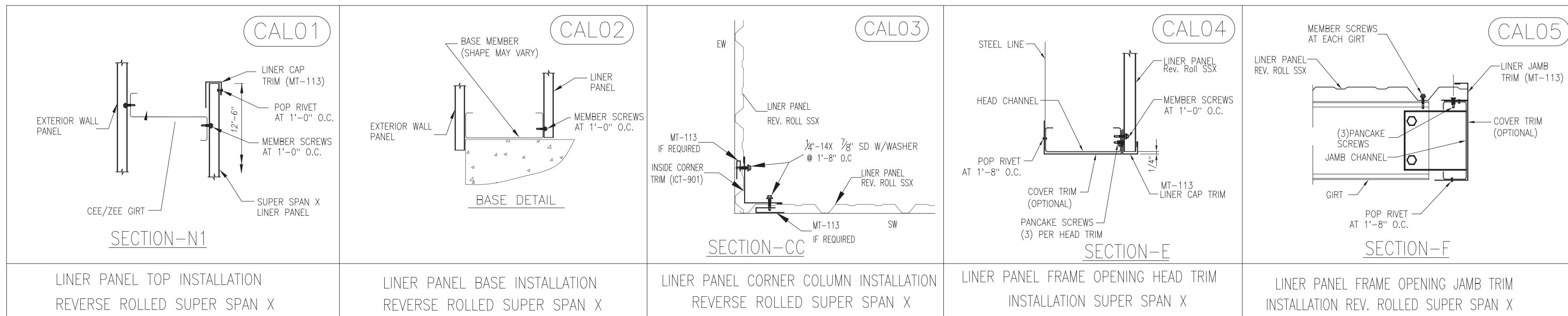
SW FRAMING AT G
NOT TO SCALE

- GENERAL FRAMING NOTES**
- Angles are marked by their length in feet and inches.
 - Field cut or lap angles as required to fit.
 - Flange braces are marked by their length in decimal inches.
 - Outside flange of girt turns down unless noted.
 - Endwall girts and eave struts do not lap.
 - Field cut and self-tap girts at walk doors.
 - Field slot girts for brace rods or cables.
 - Field locate windows and doors.
 - Field weld all splices at 14 gauge valley gutters.
 - Field bolt AK400 base clip to endwall columns:
(2) 5/8" x 1-1/2" A325 bolts if (1) AK400 req'd
(2) 5/8" x 1-1/4" A325 bolts if (2) AK400 req'd
 - Locate top of roof framed openings flush with the pan of the roof panel.
 - Some field drilling at framed openings may be required. Field drill 9/16" diameter holes.
 - For clarity, tape sealant, closures, etc. may not be shown. Refer to the standing seam erection manual or standard pull out for screw-down type roof for additional installation instructions.
 - Sub-jambbs for overhead doors, if required, are not furnished by The Metal Building Manufacturer.



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DRAWING STATUS		WHIRLWIND STEEL BUILDINGS		REV	DATE	DESCRIPTION	BY	CHK	DESC:	BLDG. SIZE:
<input type="checkbox"/>	FOR APPROVAL: These drawings, being for approval, are by definition not final and are for conceptual representation only. Their purpose is to confirm the proper interpretation of the project documents. Only drawings issued "For Erector Installation" can be considered complete.	 P.O. BOX 75280 HOUSTON, TX 77234 PH: 800-324-9992 FAX: 832-553-4600 © 2005 Whirlwind Steel Buildings Inc. All rights reserved		P1	05/20/2026	For Construction Permit	KLH	JRH	SW FRAMING AT G	150'-0" x 100'-8" x 26'-0"
<input checked="" type="checkbox"/>	FOR CONSTRUCTION PERMIT: These drawings, being for permit, are by definition not final. Only drawings issued "For Erector Installation" can be considered complete.			CUSTOMER: TUFFLI COMPANY, INC. LOCATION: Torrance, CA 90504 REFERENCE: 150x100-8x26 JOBSITE: SPANISH FORK, UT 84660 COUNTY: UTAH DWN: KLH CHK: JRH DATE: 05/07/2026 ENG: MVK JOB NO: 15773-39868 DWG NO: E9 ISSUE: P1						
<input type="checkbox"/>	FOR ERECTOR INSTALLATION: Final drawings for construction.									



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FOR ERECTOR INSTALLATION:
Final drawings for construction.

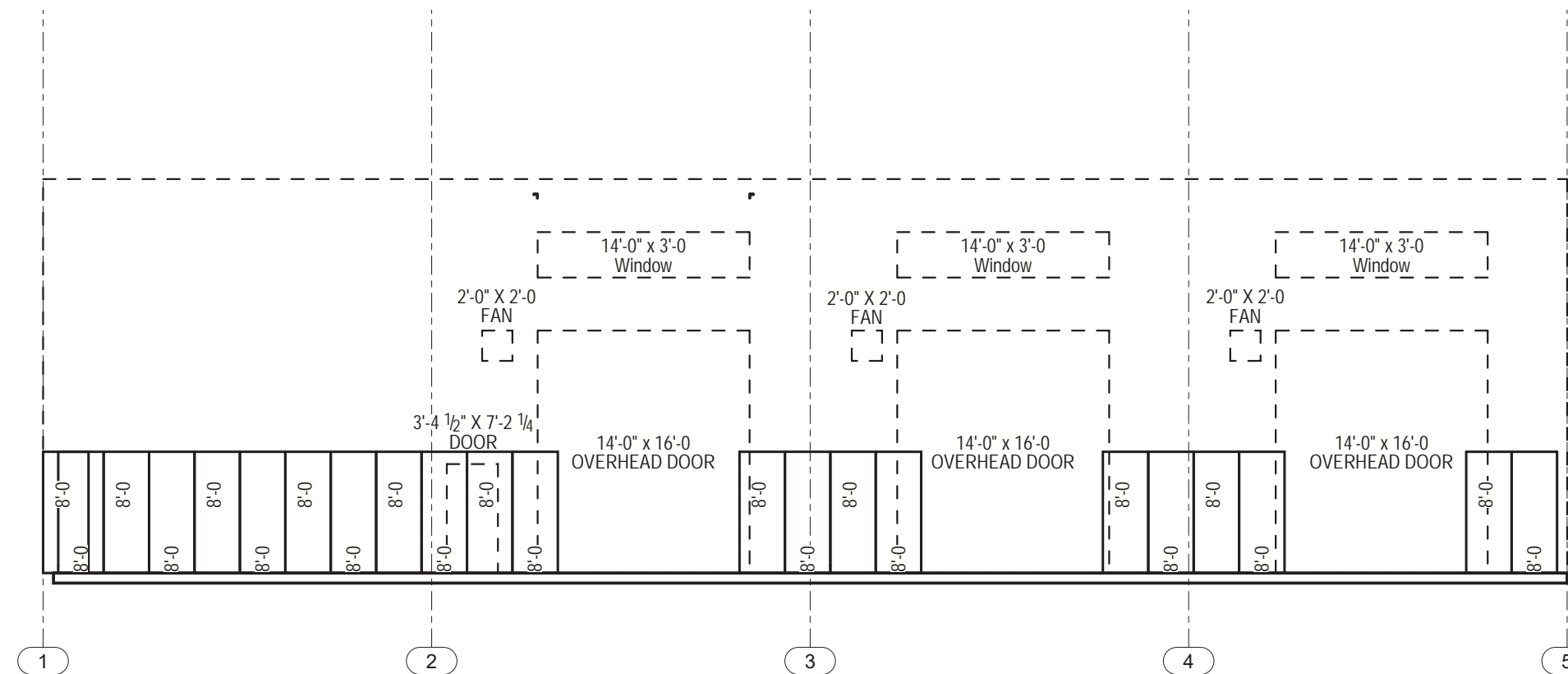
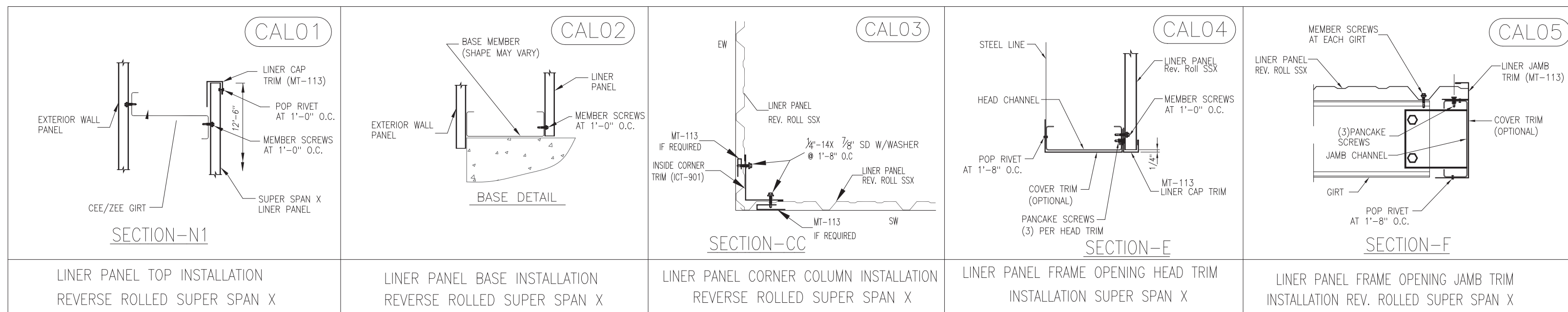
WHIRLWIND STEEL BUILDINGS

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FAX: 832-553-4600

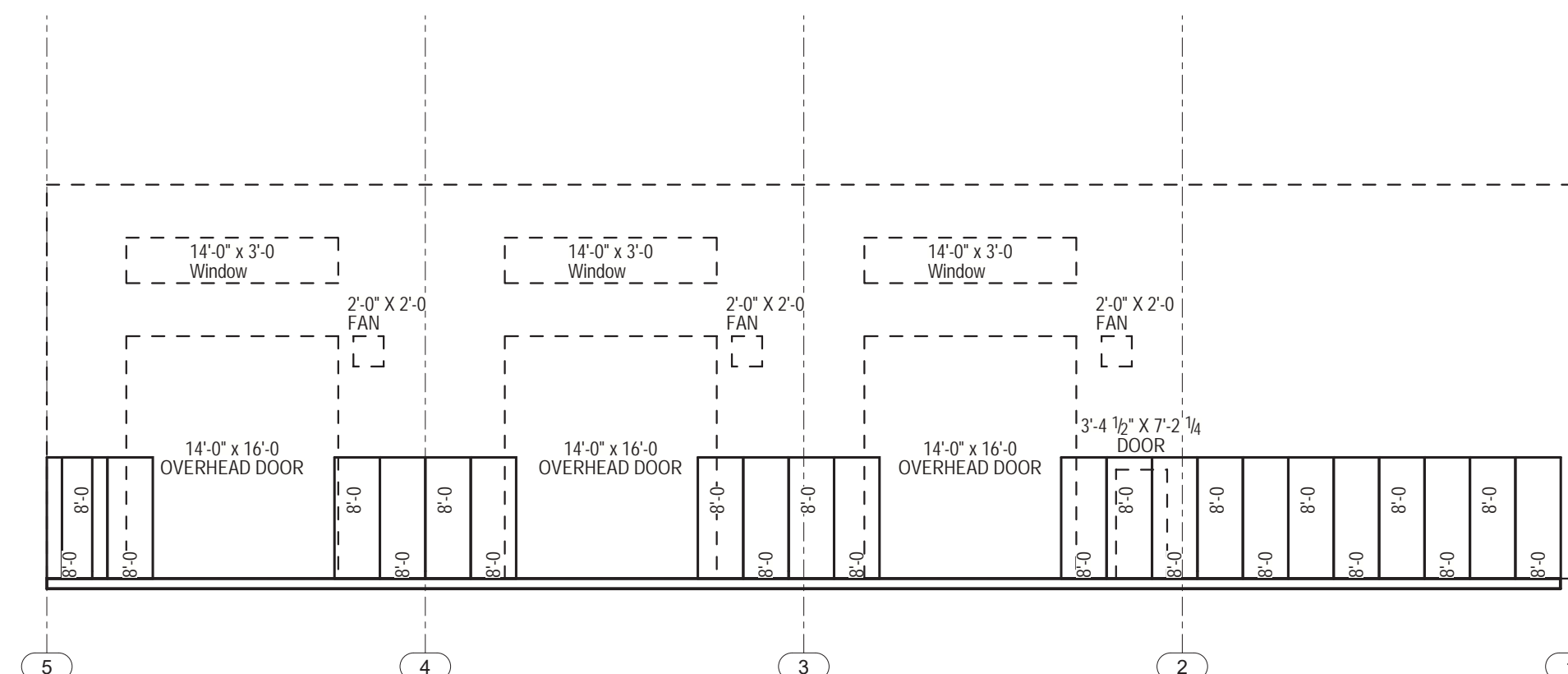
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REV	DATE	DESCRIPTION	BY	CHK	DESC	BLDG. SIZE
P1	05/20/2026	For Construction Permit	KLH	JRH	EW LINER AT LINE 5 & 1	150'-0" x 100'-8" x 26'-0"
					CUSTOMER: TUFFLI COMPANY, INC.	LOCATION: Torrance, CA 90504
					REFERENCE: 150x100-8x26	
					JOB SITE: SPANISH FORK, UT 84660	COUNTY: UTAH
					DWN: CHK: DATE: ENG: JOB NO: DWG NO: ISSUE:	
					KLH JRH 05/07/2026 MVK 15773-39868 E10 P1	



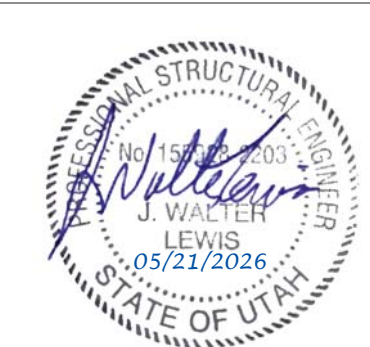
PANELS: 26 GA SUP^{100'-8}PAN X - POLAR WHITE

SW LINER AT A
NOT TO SCALE



PANELS: 26 GA SU^{100'-8}PAN X - POLAR WHITE

SW LINER AT G
NOT TO SCALE



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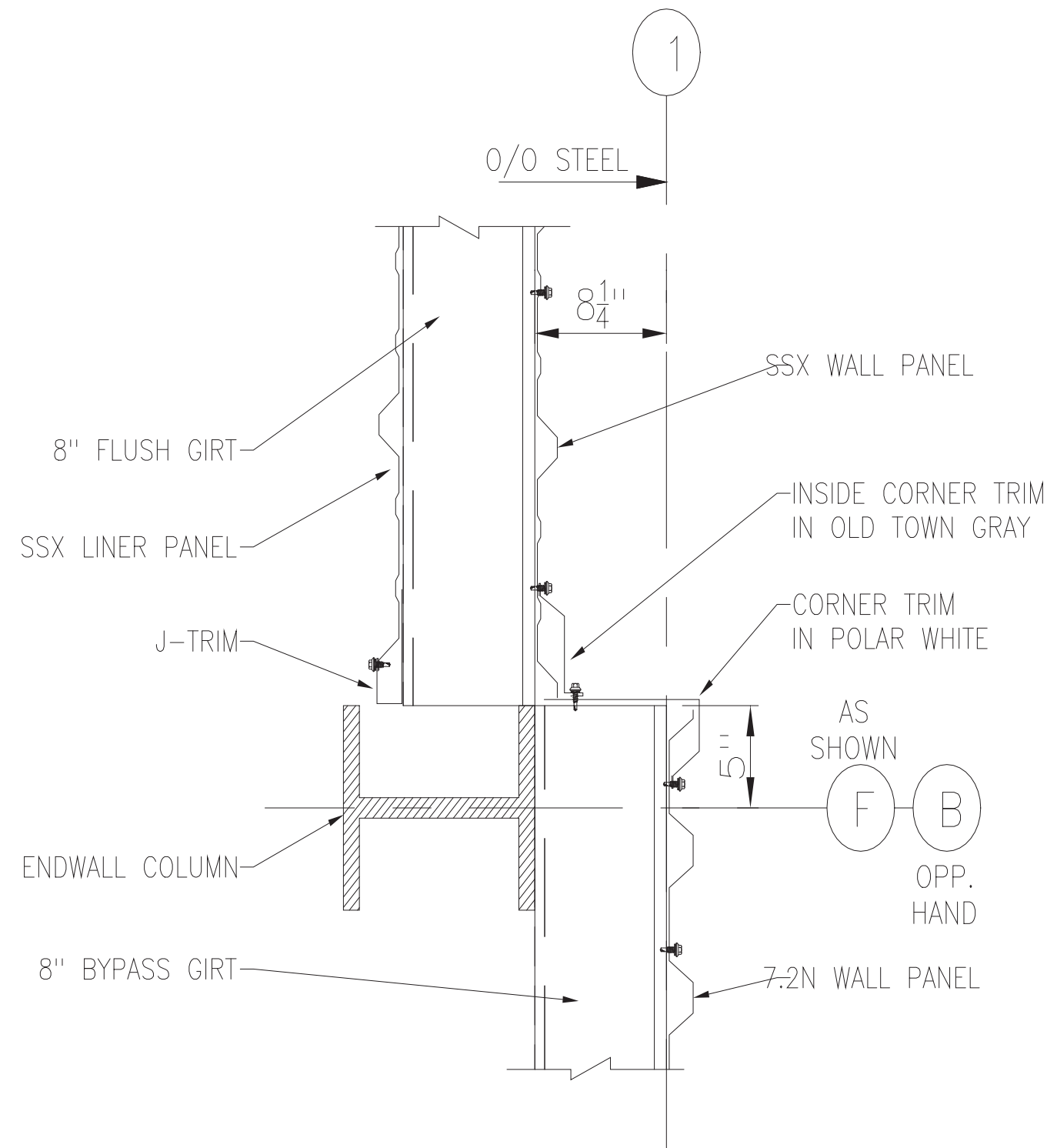
FOR ERECTOR INSTALLATION:
Final drawings for construction.

WHIRLWIND STEEL BUILDINGS

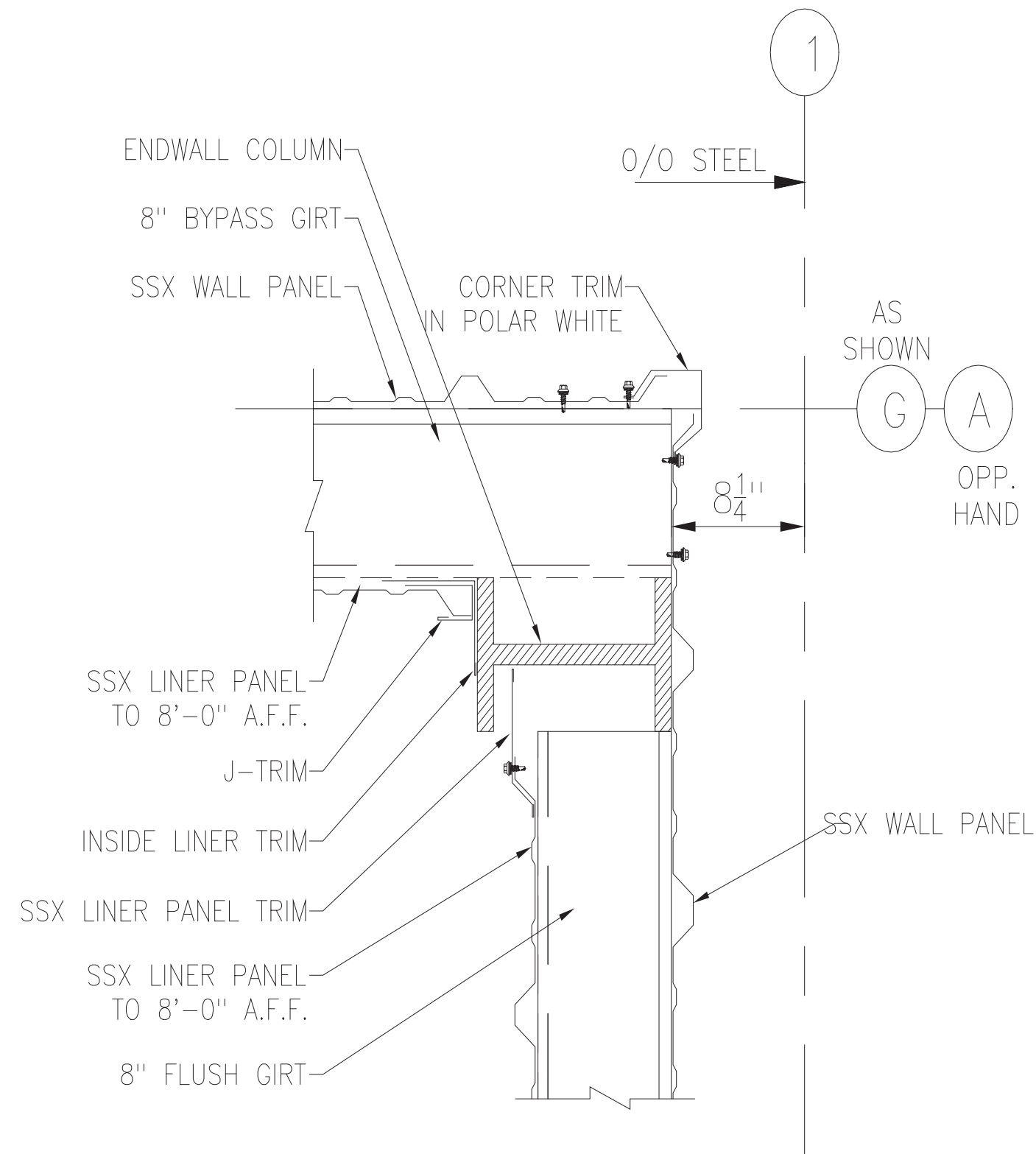
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REV	DATE	DESCRIPTION	BY	CHK	DESC:	BLDG. SIZE:
P1	05/20/2026	For Construction Permit	KLH	JRH	SW LINER AT LINE A & G	150'-0" x 100'-8" x 26'-0"
					CUSTOMER:	LOCATION:
					TUFFLI COMPANY, INC.	Torrance, CA 90504
					REFERENCE:	
					150x100-8x26	
					JOB SITE:	COUNTY:
					SPANISH FORK, UT 84660	UTAH
					DWN: CHK: DATE: ENG: JOB NO:	DWG NO: ISSUE:
					KLH JRH 05/07/2026 MVK 15773-39868	E11 P1



SECTION 'A'



SECTION 'B'

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<input type="checkbox"/>	FOR ERECTOR INSTALLATION: Final drawings for construction.

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REV	DATE	DESCRIPTION	BY	CHK	DESC	BLDG. SIZE
P1	05/20/2026	For Construction Permit	KLH	JRH	SPECIAL DETAILS	150'-0" x 100'-8" x 26'-0"
					CUSTOMER:	LOCATION:
					TUFFLI COMPANY, INC.	Torrance, CA 90504
					REFERENCE:	
					150x100-8x26	
					JOB SITE:	COUNTY:
					SPANISH FORK, UT 84660	UTAH
DWN:	CHK:	DATE:	ENG:	JOB NO:	DWG NO:	ISSUE:
KLH	JRH	05/07/2026	MVK	15773-39868	E12	P1



BOLT PIPE STRUT CONNECTION

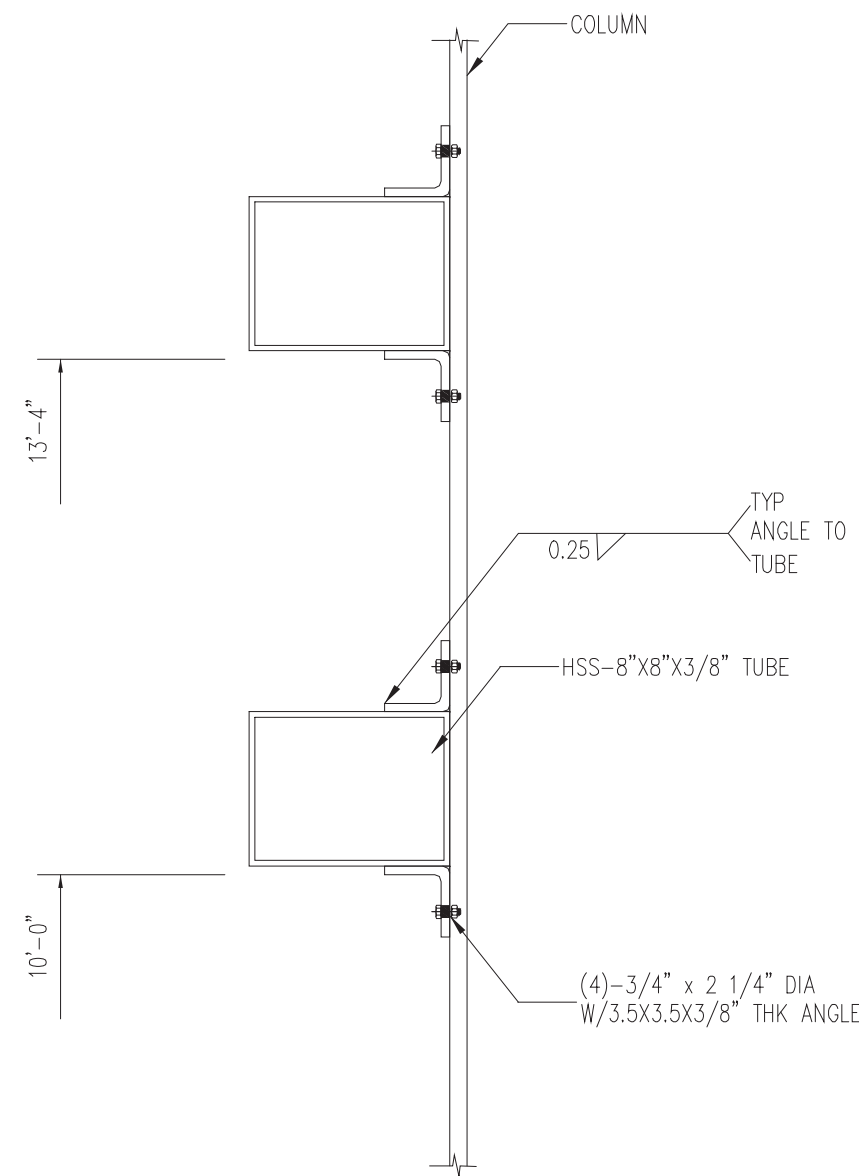
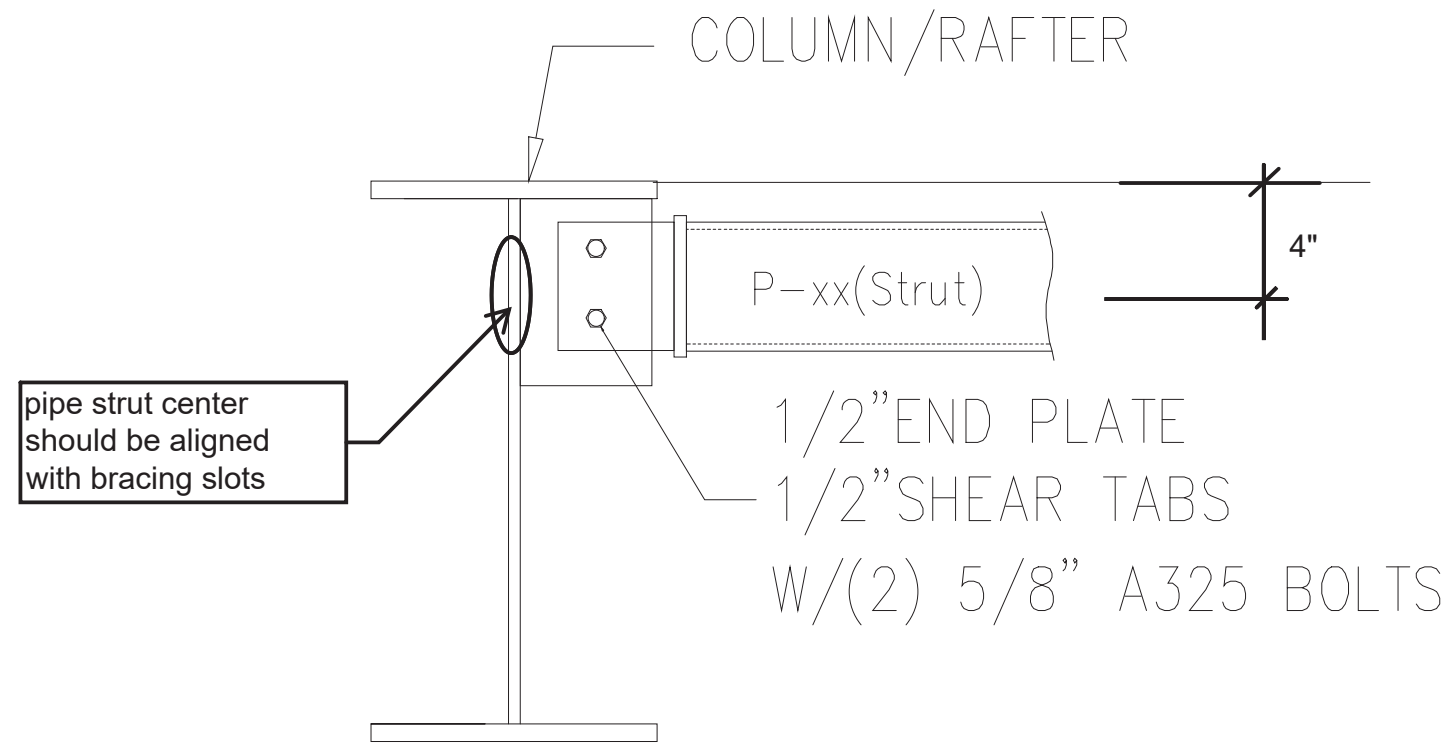
Job Number

15773-39868

Canopy support Tube
Along Frame Line-1 b/w Grid lines B to C and E to F

Job Number

15773-39868



CANOPY SUPPORT TUBE
ALONG FL-1 B/W GRID LINES B to C and E TO F

BR03

(2) BOLT PIPE STRUT CONNECTION

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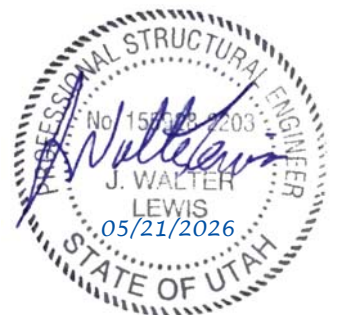
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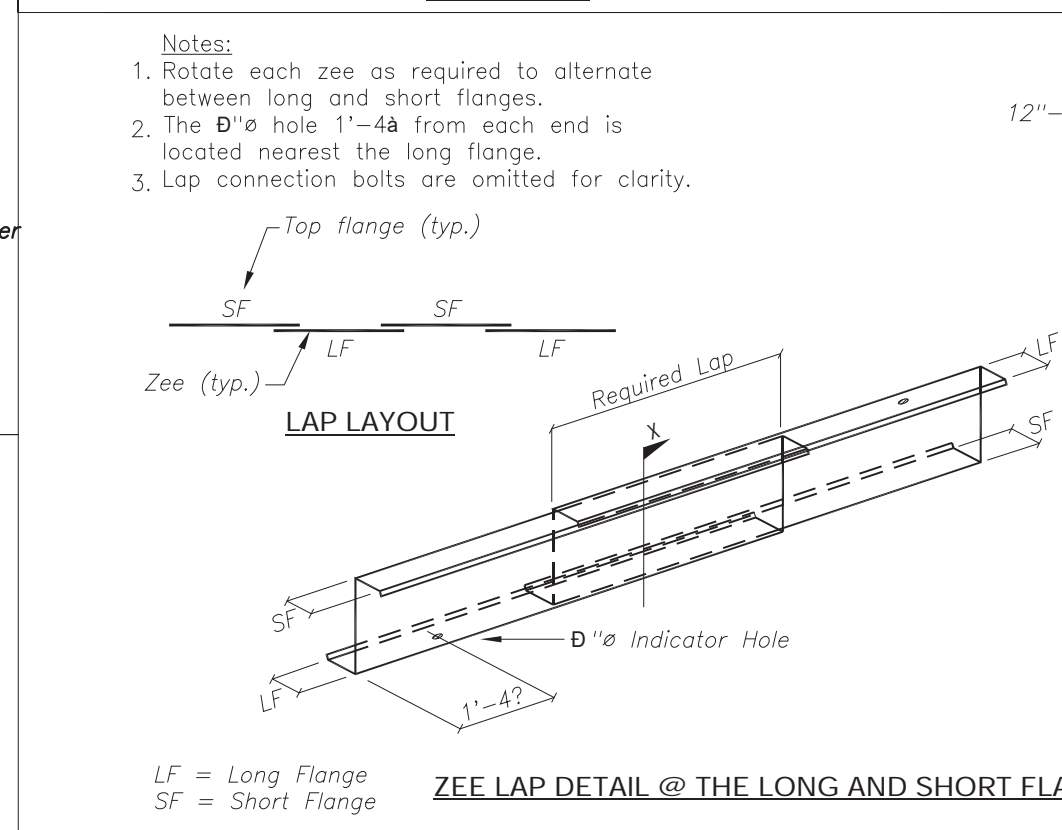
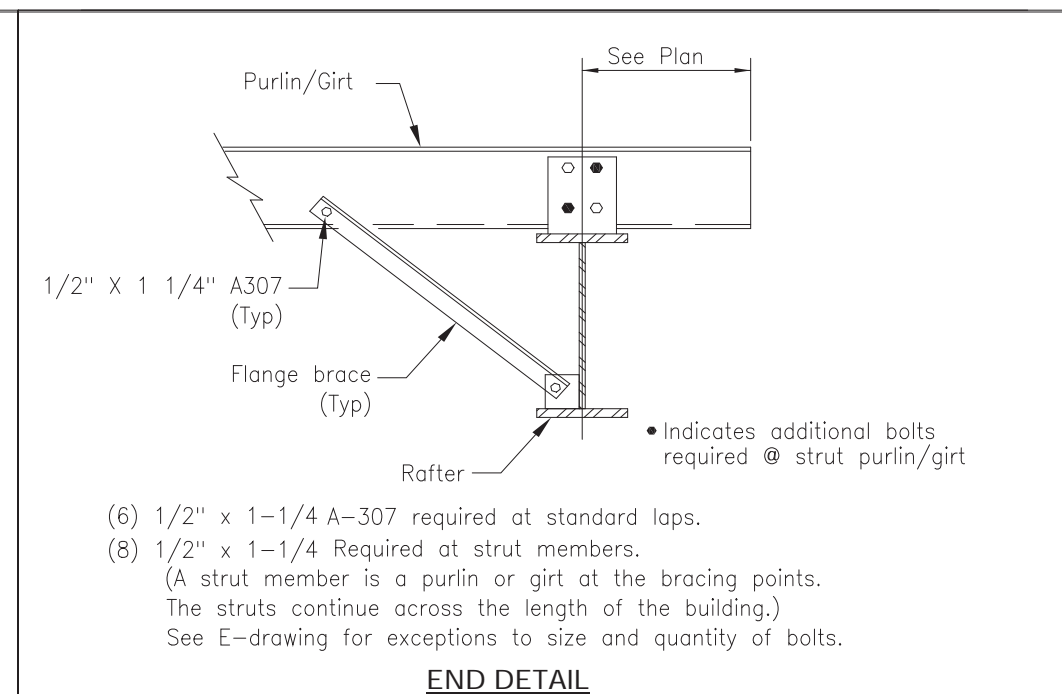
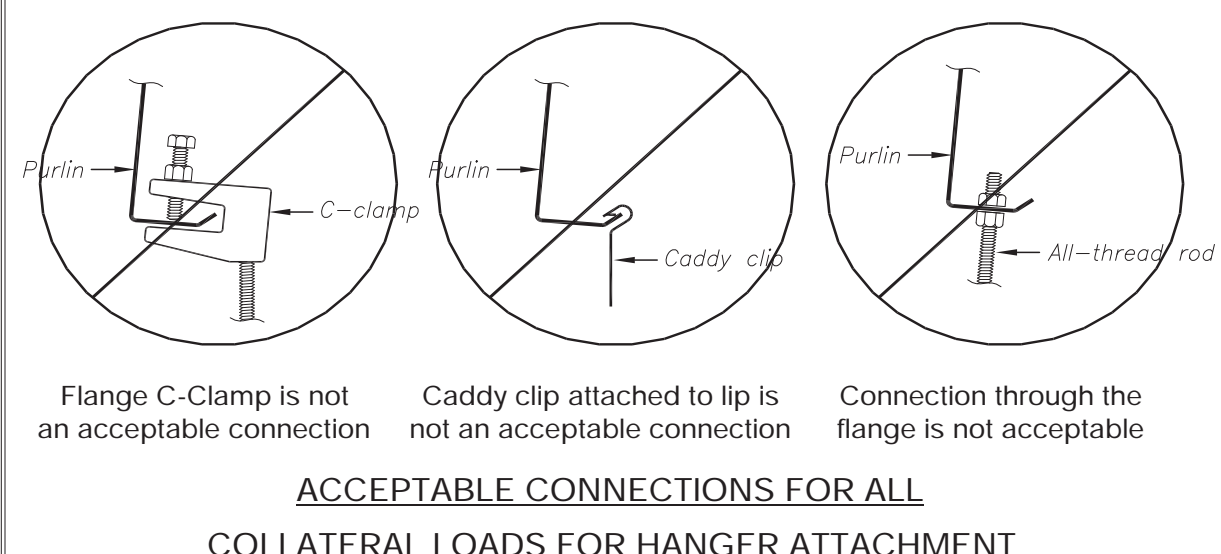
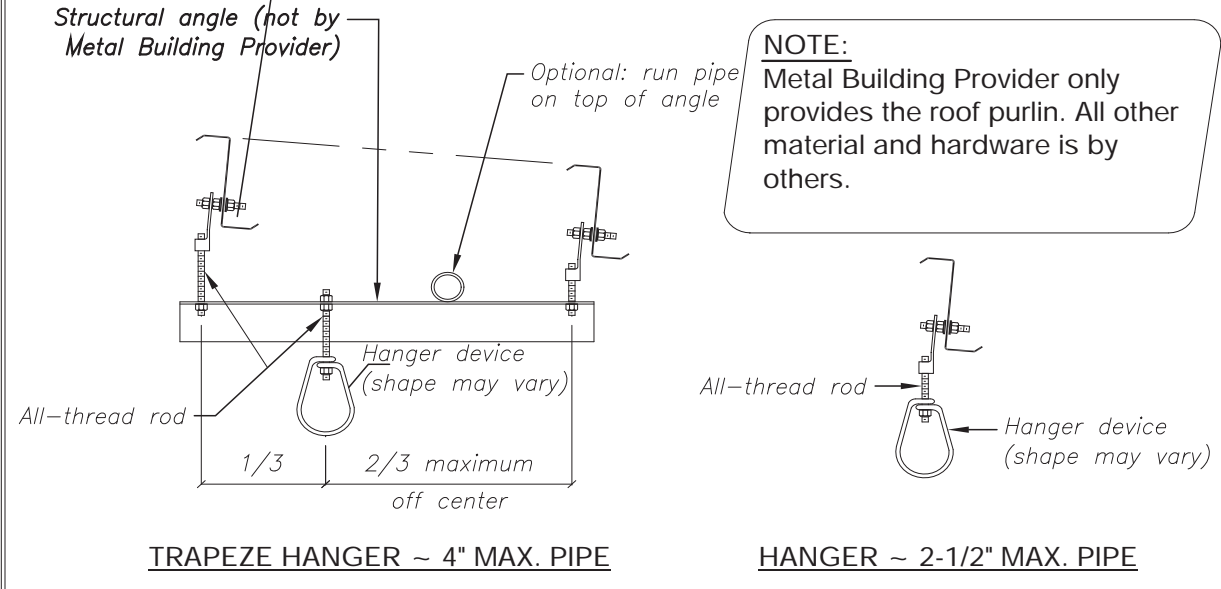
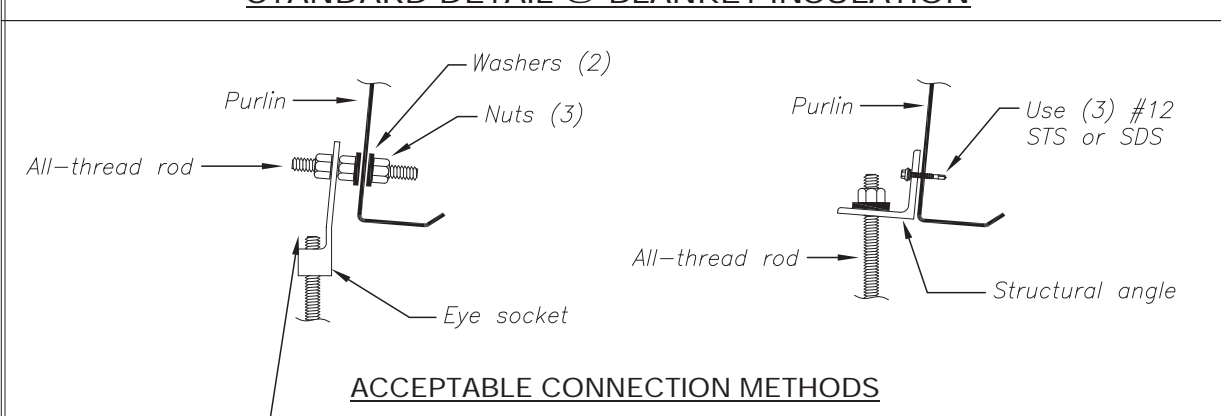
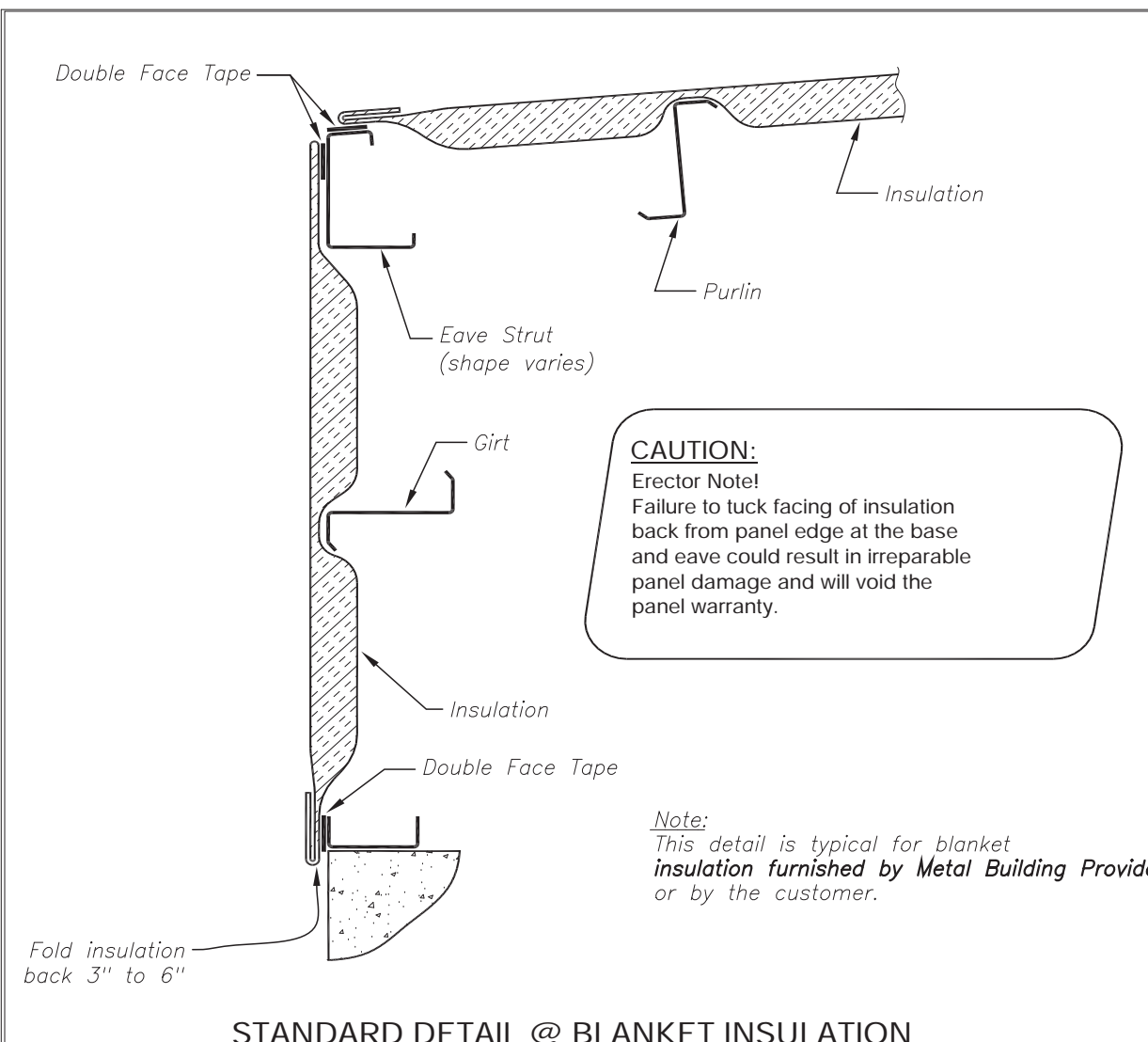
FOR ERECTOR INSTALLATION:
Final drawings for construction.



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REV	DATE	DESCRIPTION	BY	CHK	DESC:	BLDG. SIZE:
P1	05/20/2026	For Construction Permit	KLH	JRH	SPECIAL DETAILS	150'-0" x 100'-8" x 26'-0"
					CUSTOMER:	LOCATION:
					TUFFLI COMPANY, INC.	Torrance, CA 90504
					REFERENCE:	
					150x100-8x26	
					JOB SITE:	COUNTY:
					SPANISH FORK, UT 84660	UTAH
					DWN:	ISSUE:
					CHK: DATE: ENG: JOB NO:	DWG NO: P1
					KLH JRH 05/07/2026 MVK 15773-39868	E13





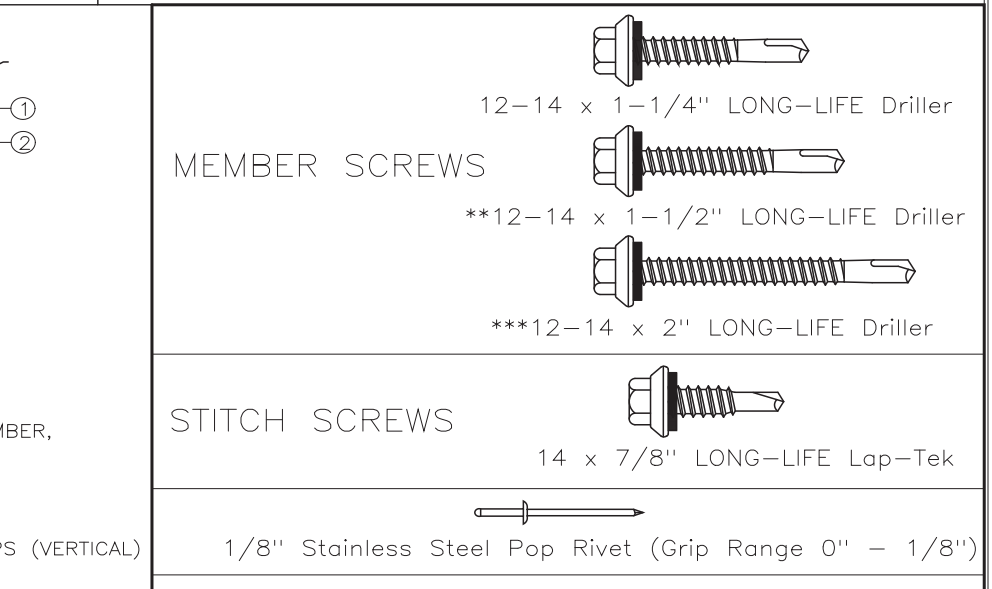
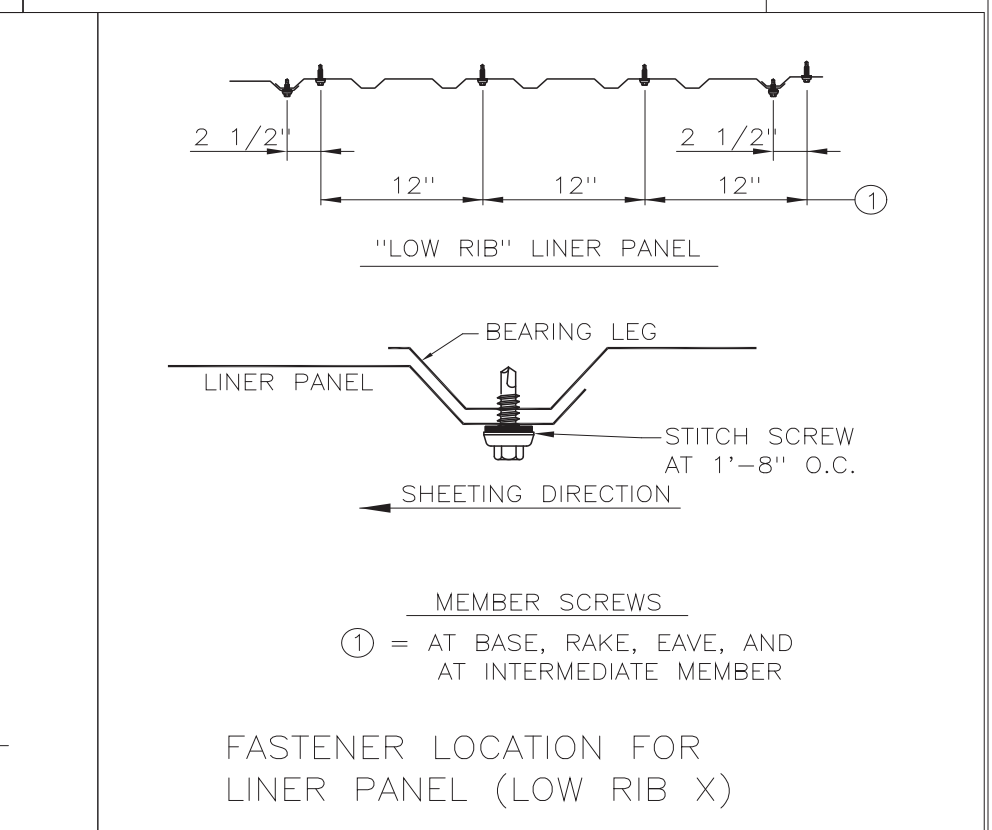
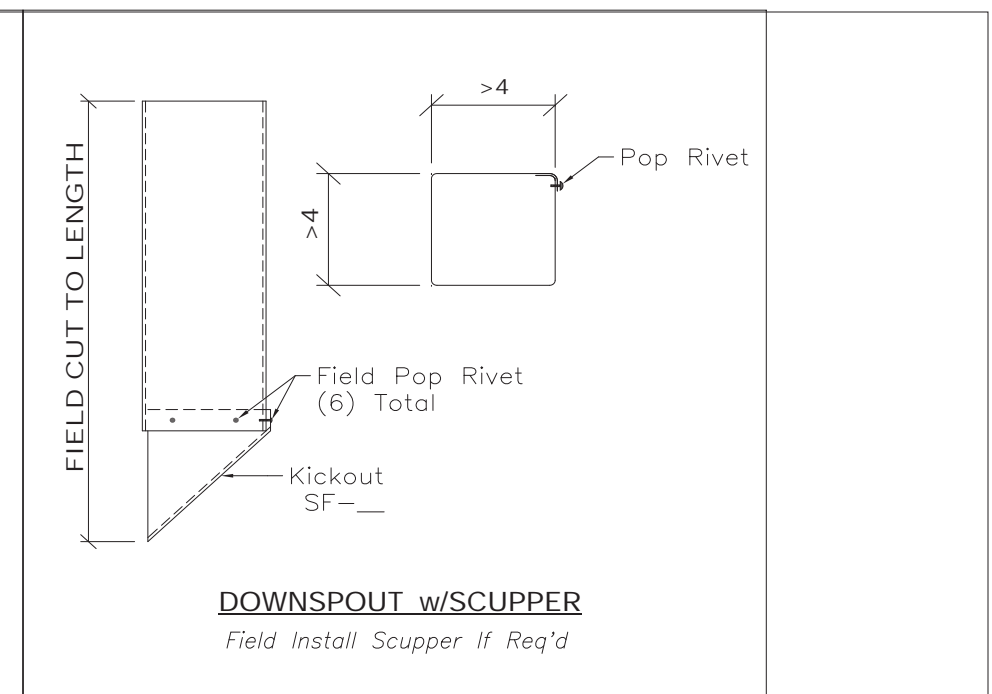
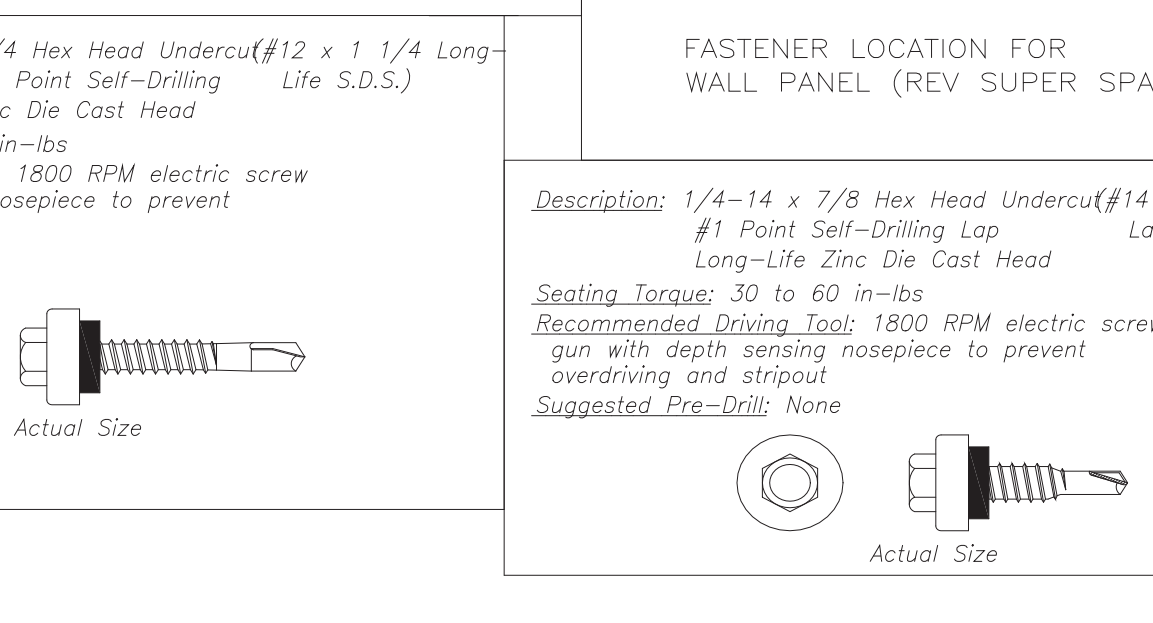
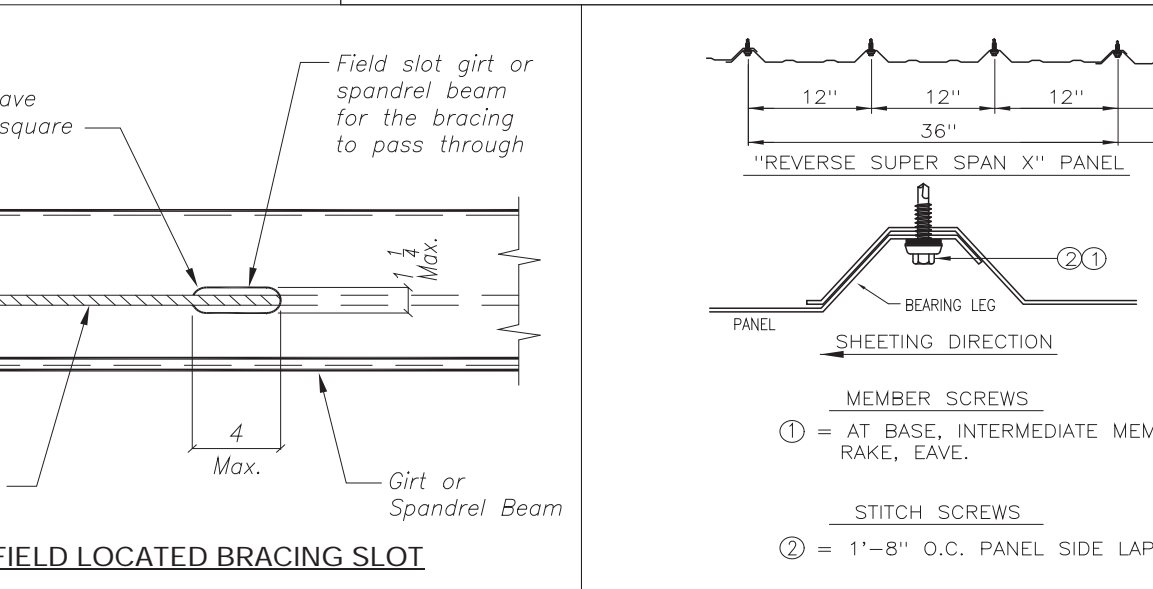
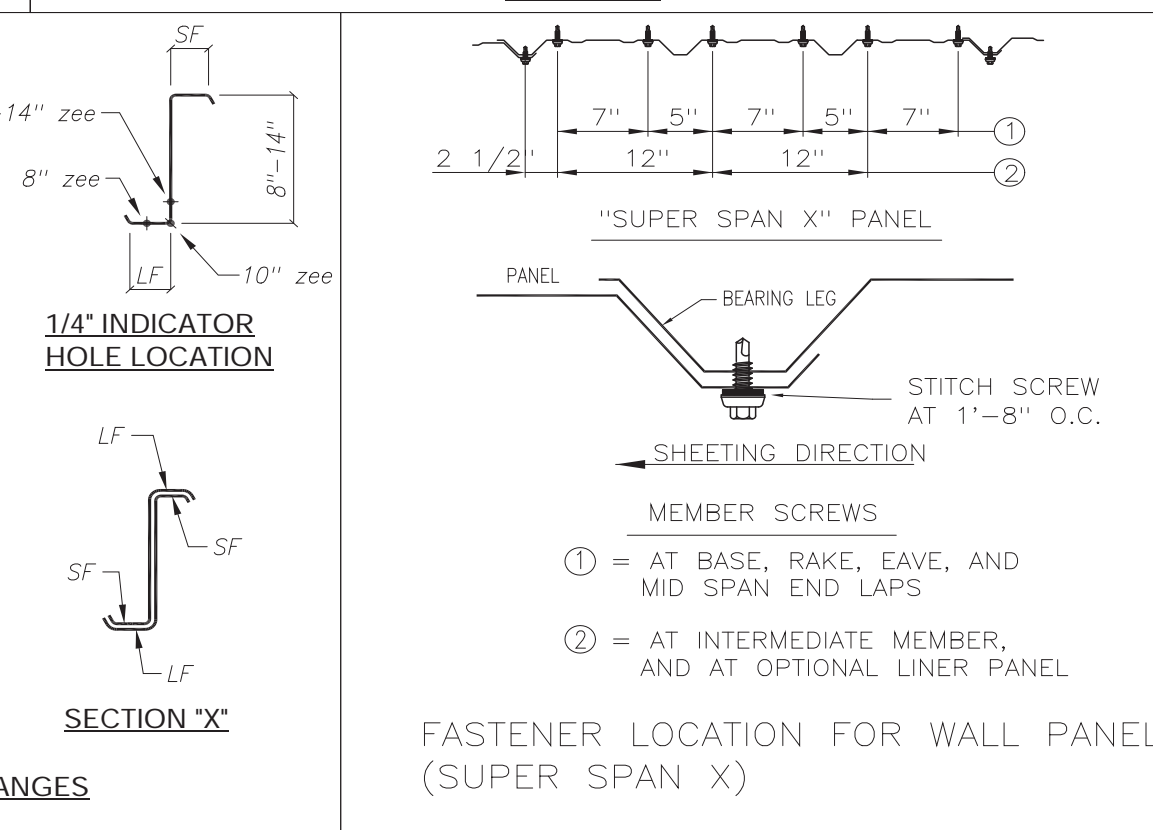
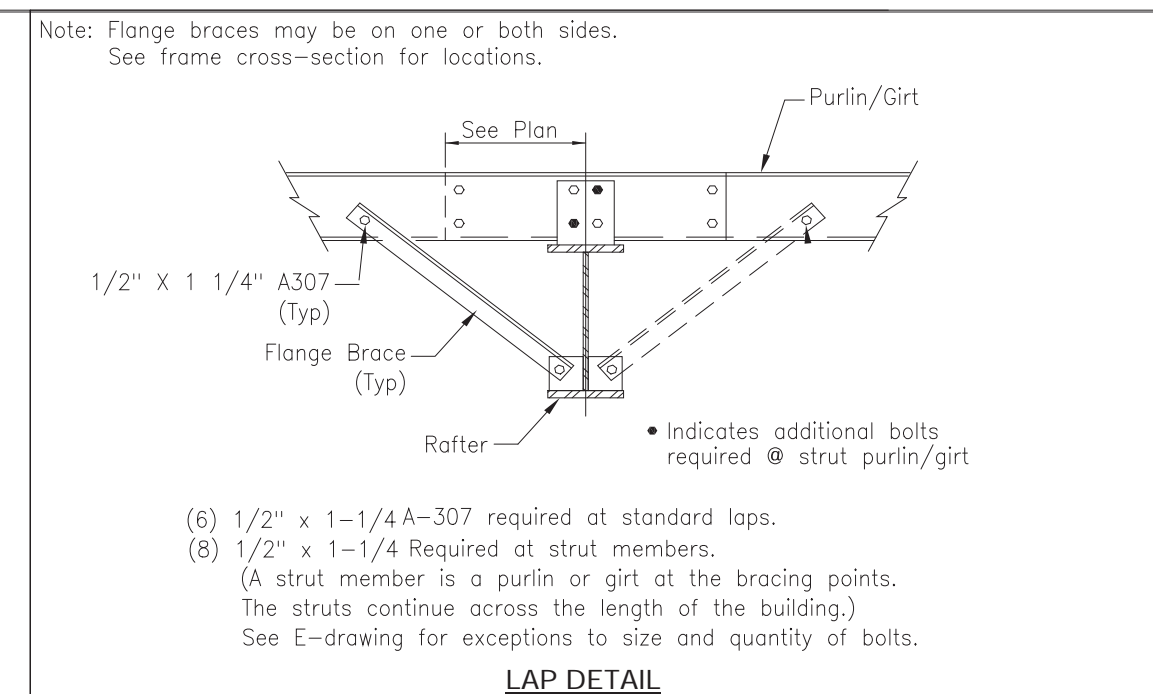
BUILT-UP SECTION LEGEND

Flange Width (in inches)	Flange Thickness (in inches)	Web Thickness (in inches)
5 = 5	3 = 3/16	8 = 1/2
6 = 6	4 = 1/4	0 = 5/8
8 = 8	5 = 5/16	2 = 3/4
0 = 10	6 = 3/8	1 = 1
2 = 12		4 = 1/4
		6 = 3/8

STANDARD FASTENERS MISCELLANEOUS

	1/4-14 x 1-1/4" HWH TCP2 5/16" HEAD SELF-DRILLER NO SEALING WASHER - ZINC-PLATED
	1/4-14 x 1-1/4" HWH SHOULDERED TCP3 5/16" HEAD SELF-DRILLER - NO SEALING WASHER - ZINC-PLATED
	#12 x 1" PANCAKE HEAD SDS QUADREX DRIVE, ZINC-PLATED

NOTES:
Seating Torque: 30 - 60 in-lbs
Recommended Driving Tool: 1800 RPM screw gun with depth sensing nosepiece to prevent overdriving and stripout



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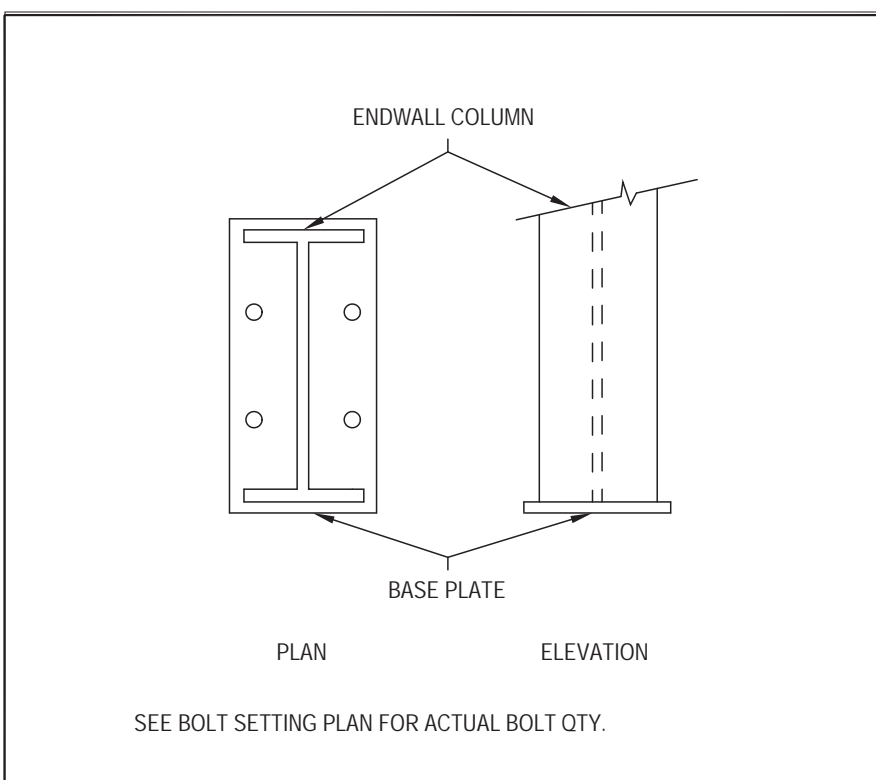
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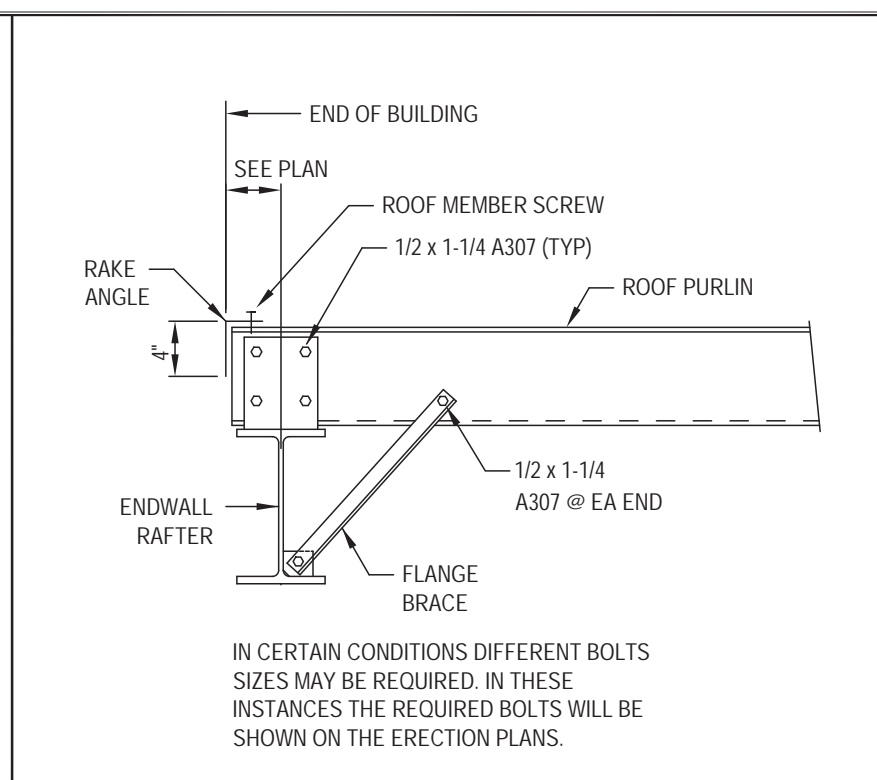
REV	DATE	DESCRIPTION	BY	CHK	DESC:	BLDG. SIZE:
P1	05/20/2026	For Construction Permit	KLH	JRH	STANDARD DETAILS	150'-0" x 100'-8" x 26'-0"
					CUSTOMER: TUFFLI COMPANY, INC.	LOCATION: Torrance, CA 90504
					REFERENCE: 150x100-8x26	
					JOB SITE: SPANISH FORK, UT 84660	COUNTY: UTAH
					DWN: KLH	CHK: JRH
					DATE: 05/07/2026	ENG: MVK
					JOB NO: 15773-39868	DWG NO: D1
					ISSUE: P1	



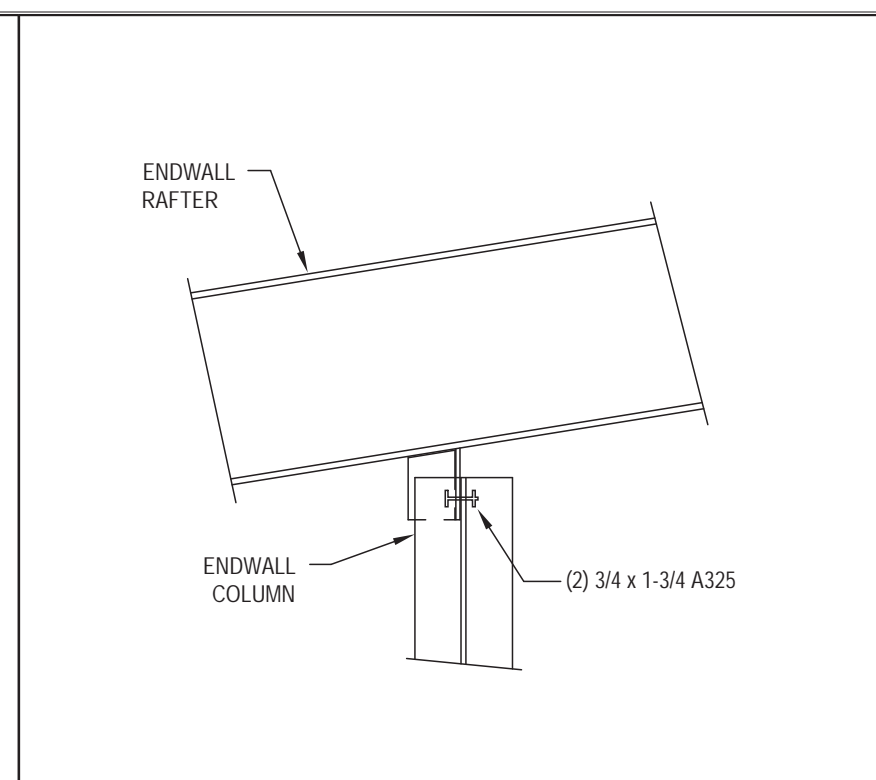
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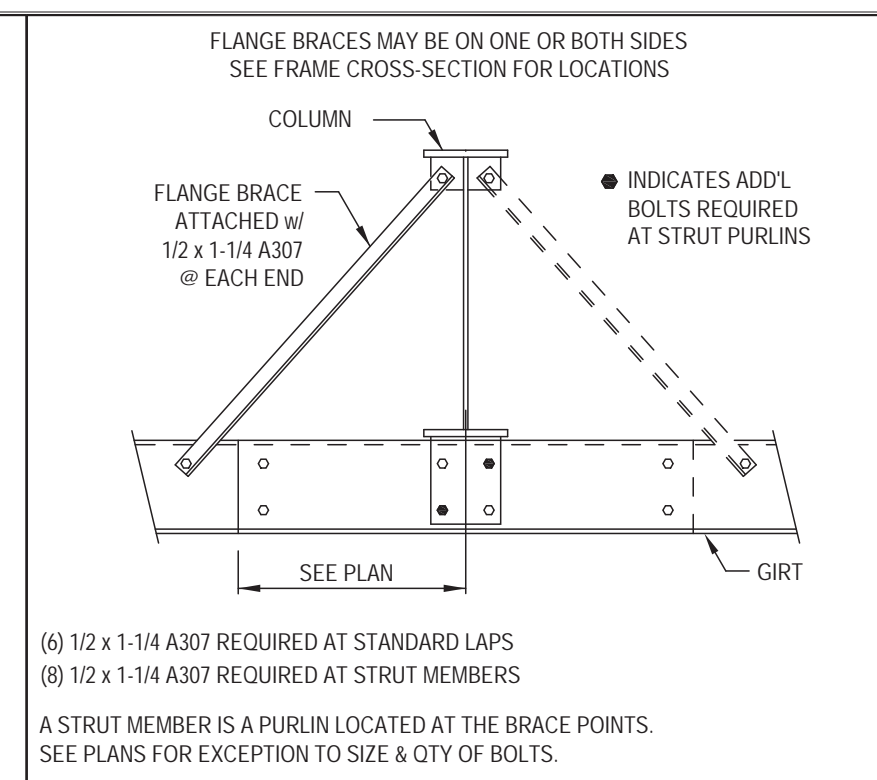
DETAIL B-A1 BASE PLATE FOR ENDWALL COLUMN
REV 1



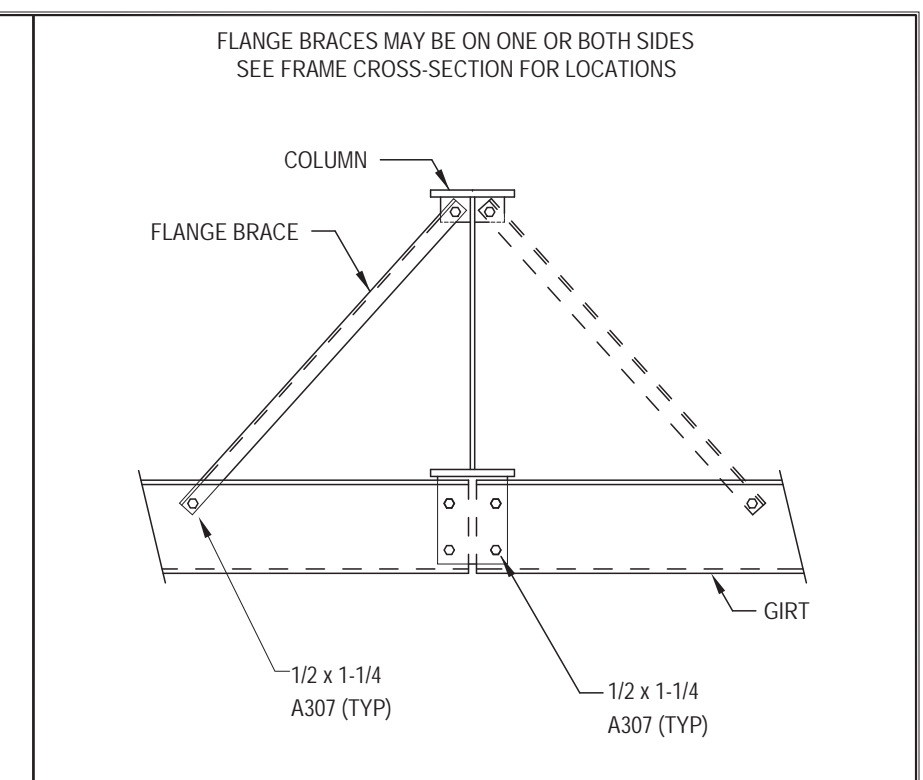
DETAIL B-B2 ROOF PURLIN CONNECTION AT I-SHAPE ENDWALL RAFTER
REV 1



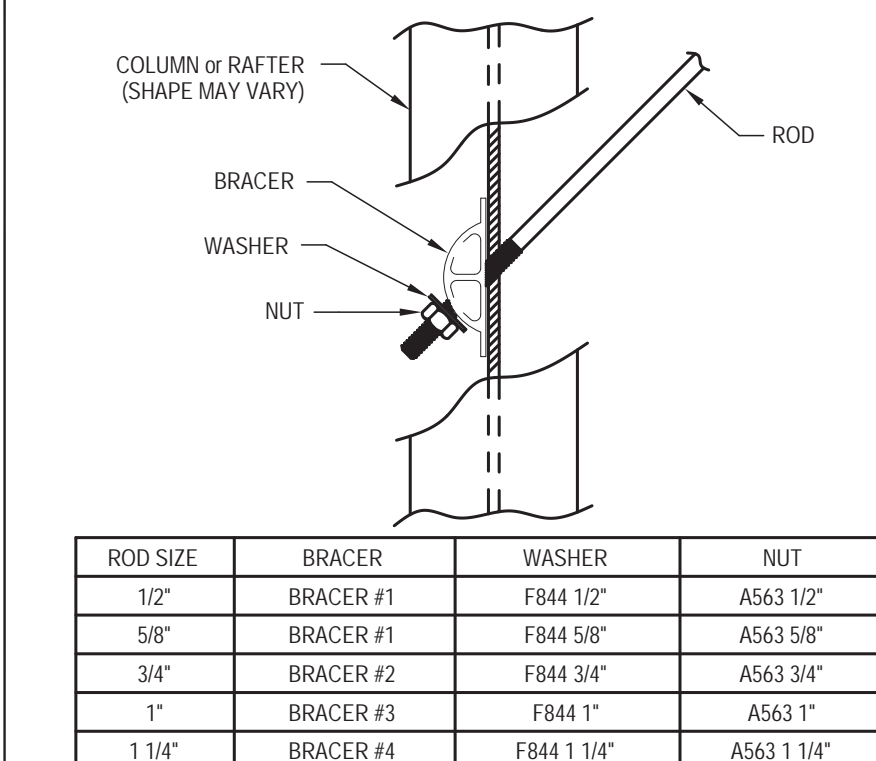
DETAIL B-B6 ENDWALL RAFTER TO COLUMN
REV 1



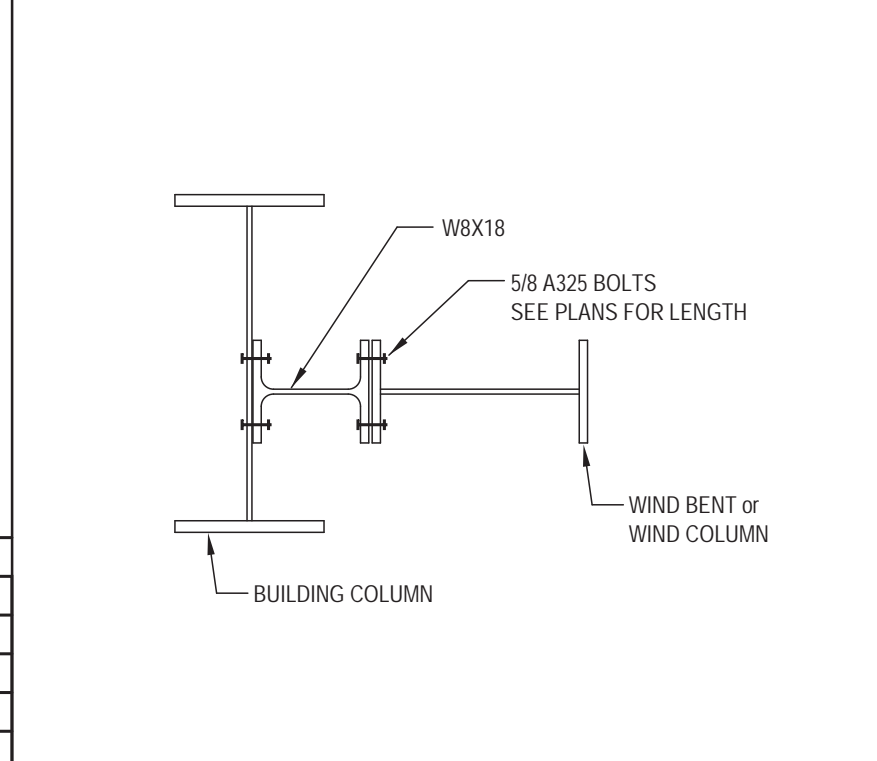
DETAIL B-E8 WALL GIRT TO FRAME COLUMN
REV 1



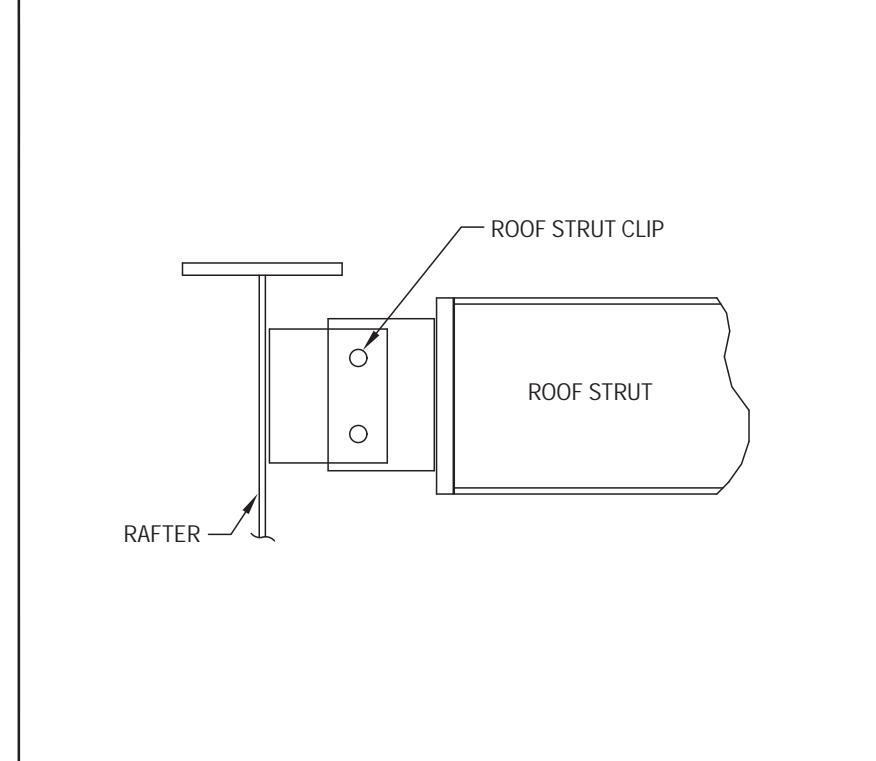
DETAIL B-E9 WALL GIRT TO INTERIOR FRAME COLUMN
REV 1



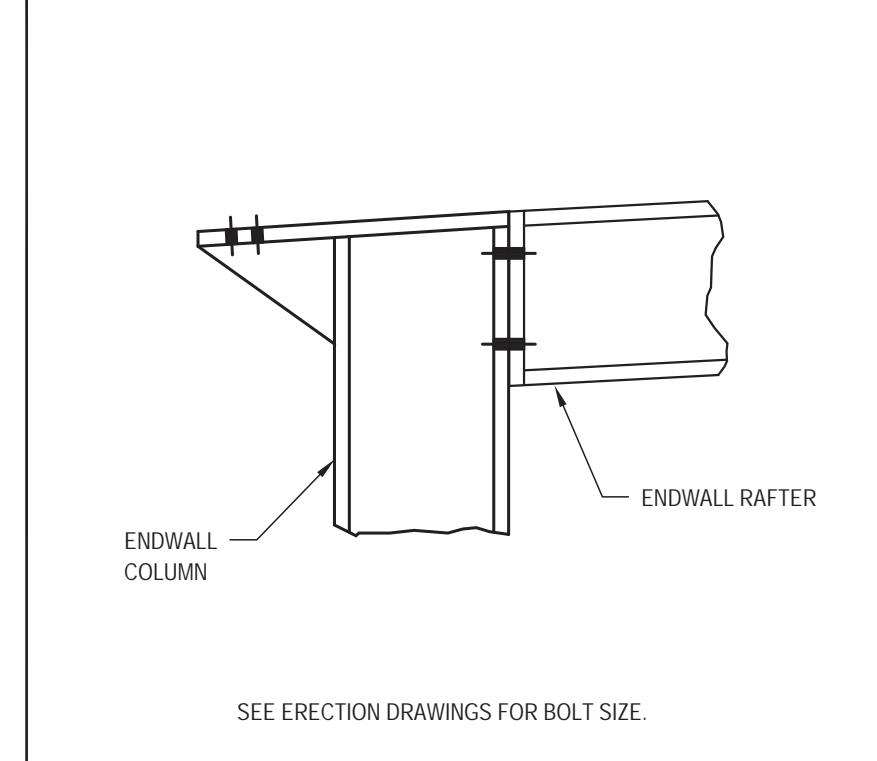
DETAIL B-F2 DIAGONAL ROD BRACING INSTALLATION
REV 1



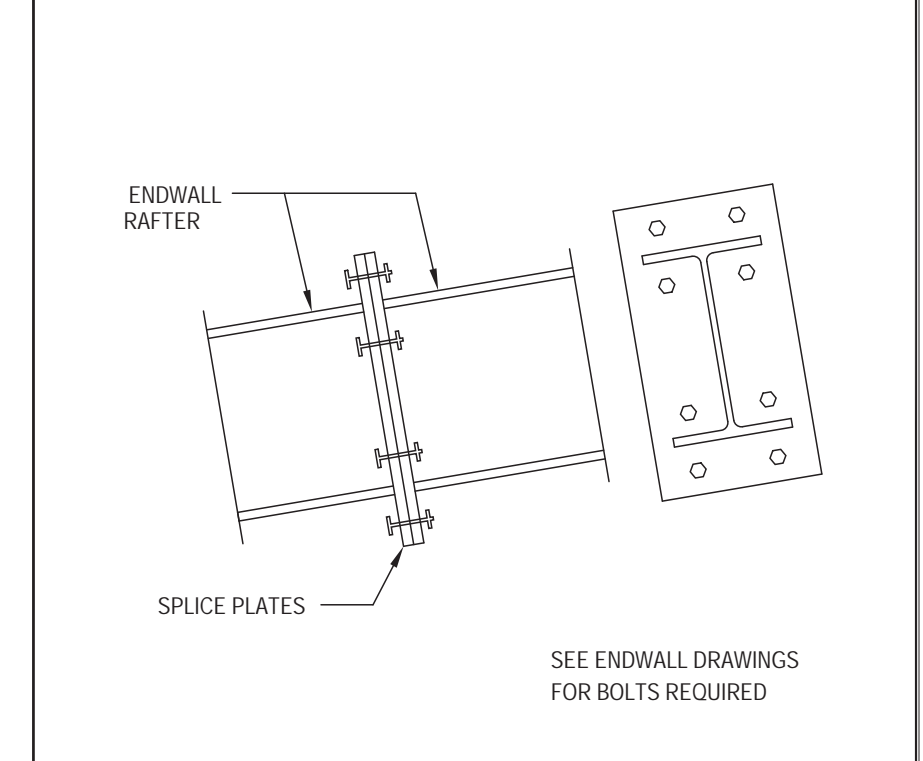
DETAIL B-H2 WIND BENT OR WIND COLUMN TO BUILDING COLUMN
REV 1



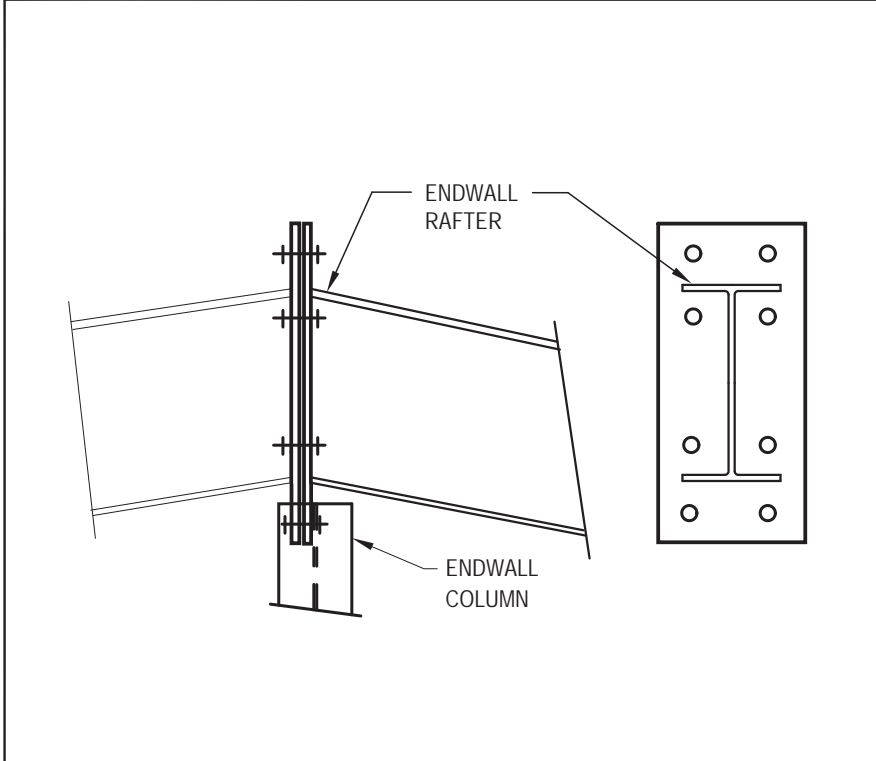
DETAIL B-K5 FLUSH ROOF STRUT TO RIGID FRAME RAFTER
REV 1



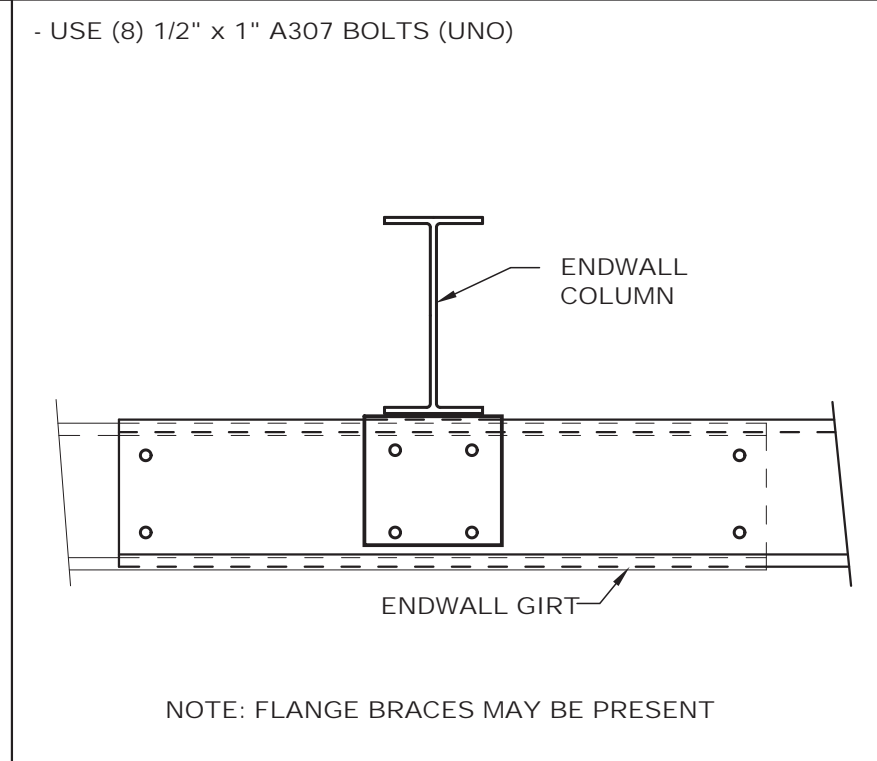
DETAIL B-B11 CORNER COLUMN TO ENDWALL RAFTER
REV 1



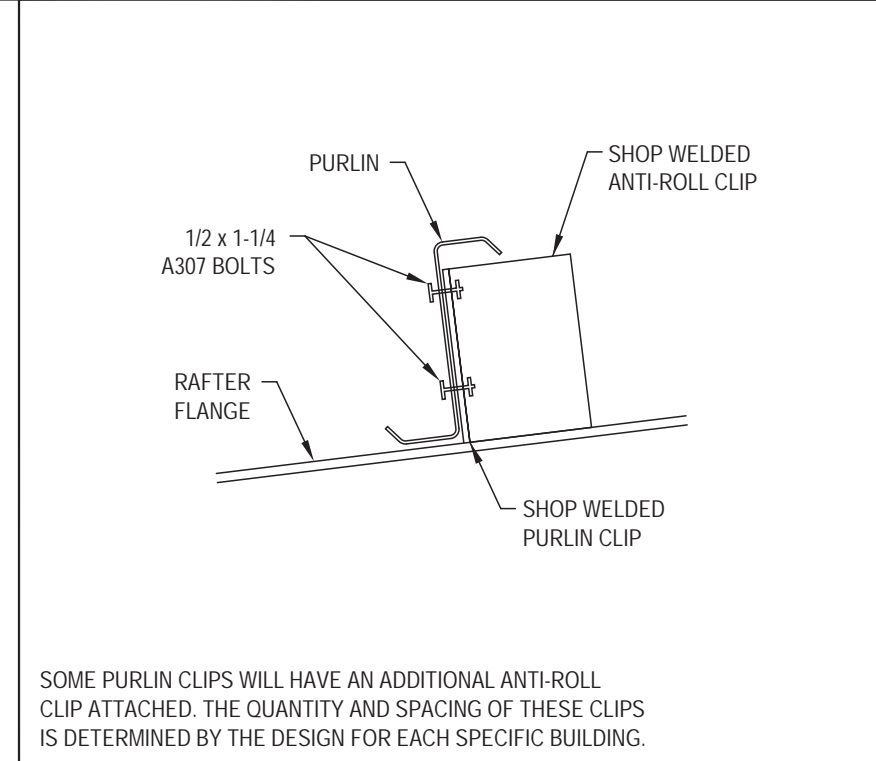
DETAIL B-B15 RAFTER SPLICE ALONG SURFACE
REV 1



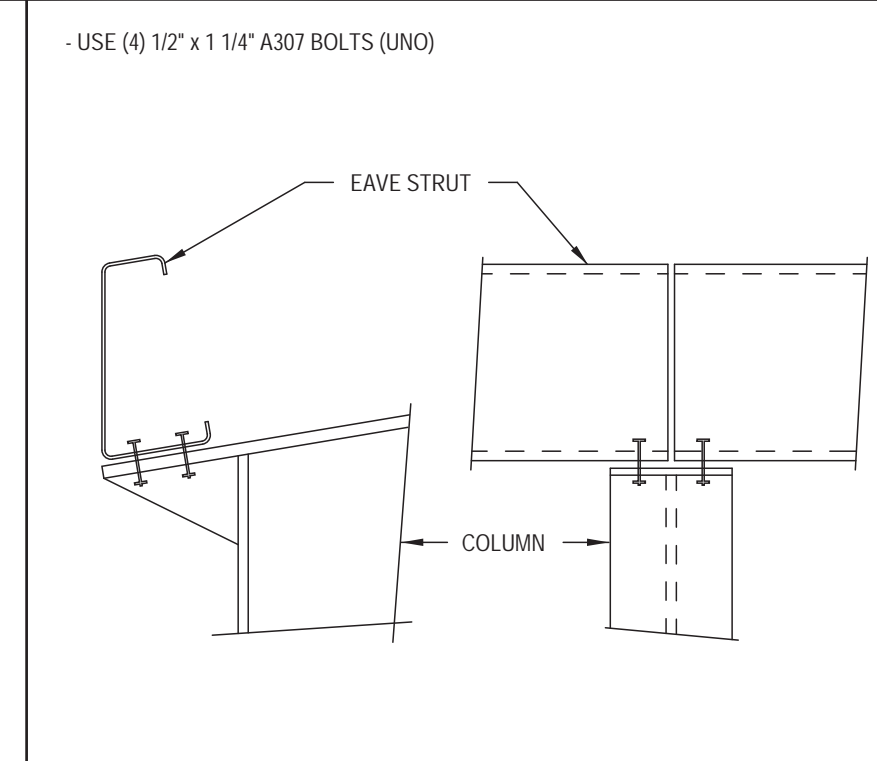
DETAIL B-B18 RAFTER SPLICE AT SURFACE CHANGE
REV 1



DETAIL C12 BYPASS ENDWALL GIRT TO HOT-ROLLED or BUILT-UP COLUMN
REV 1



DETAIL C-A1 DETAIL AT ANTI-ROLL CLIP
REV 1



DETAIL C-B2 EAVE STRUT TO RIGID FRAME BYPASS CONDITION
REV 1

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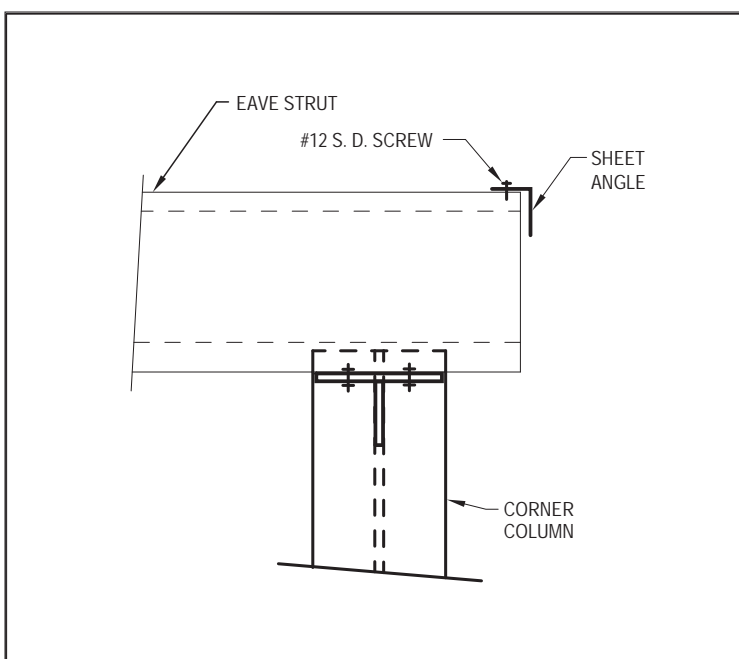
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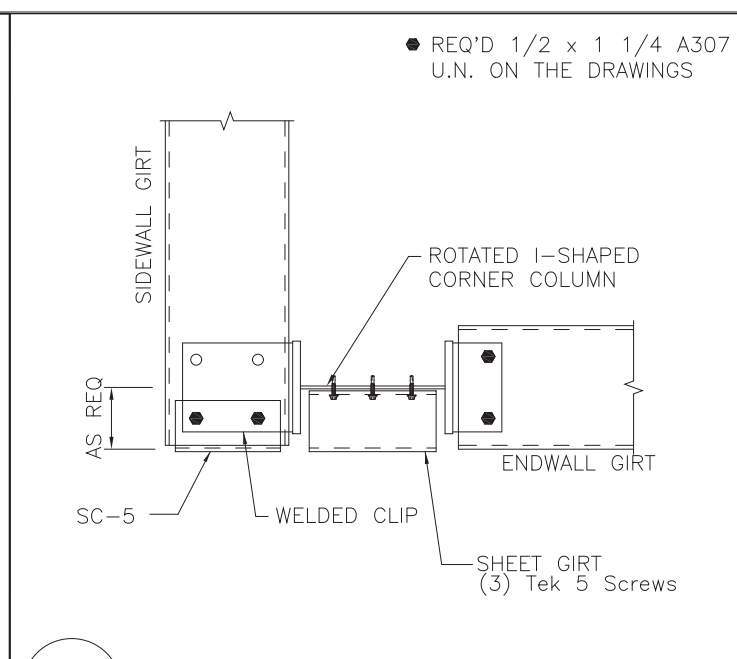
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REV	DATE	DESCRIPTION	BY	CHK	DESC	BLDG. SIZE
P1	05/20/2026	For Construction Permit	KLH	JRH	STANDARD DETAILS	150'-0" x 100'-8" x 26'-0"
					CUSTOMER: TUFFLI COMPANY, INC.	LOCATION: Torrance, CA 90504
					REFERENCE: 150x100-8x26	
					JOB SITE: SPANISH FORK, UT 84660	COUNTY: UTAH
					DWN: KLH	CHK: JRH
					DATE: 05/07/2026	ENG: MVK
					JOB NO: 15773-39868	DWG NO: D2
					ISSUE: P1	

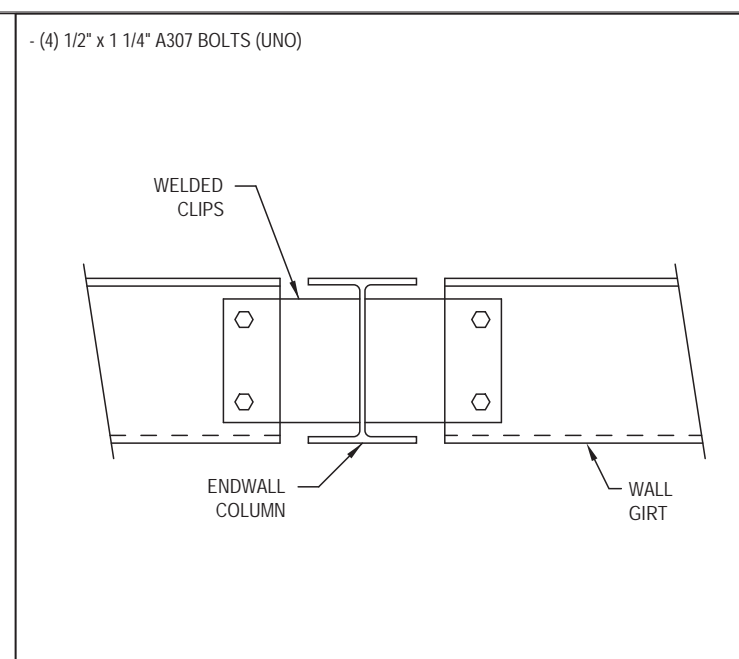




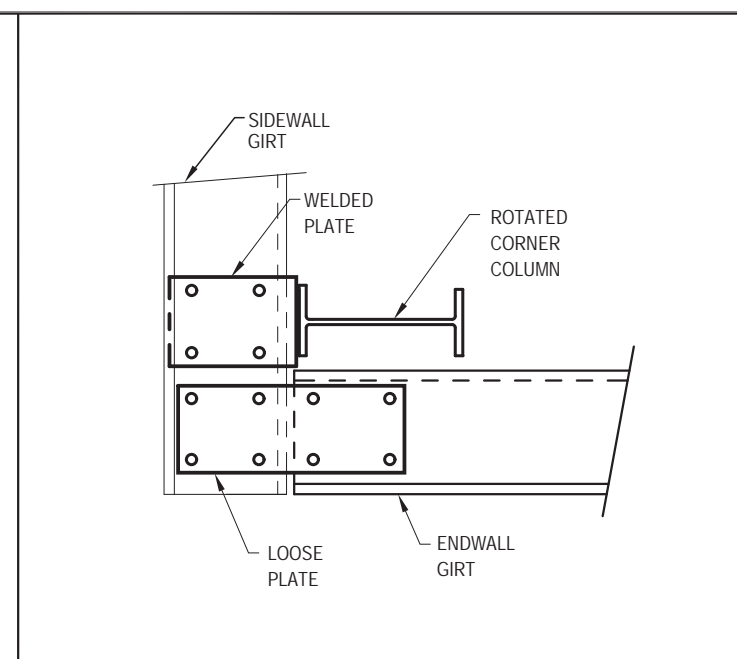
DETAIL C-D3 EAVE STRUT TO CORNER COLUMN
REV 1



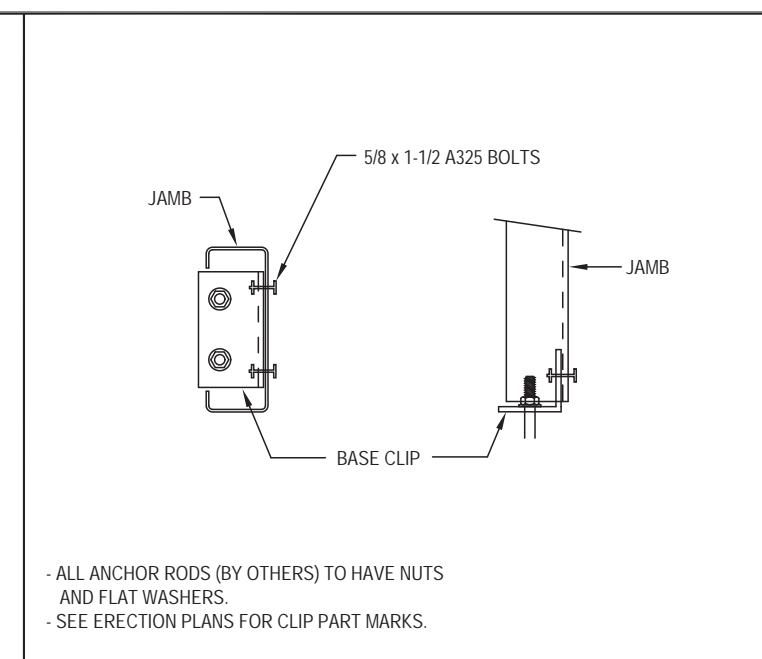
DETAIL D17 CORNER COLUMN TO WALL GIRT



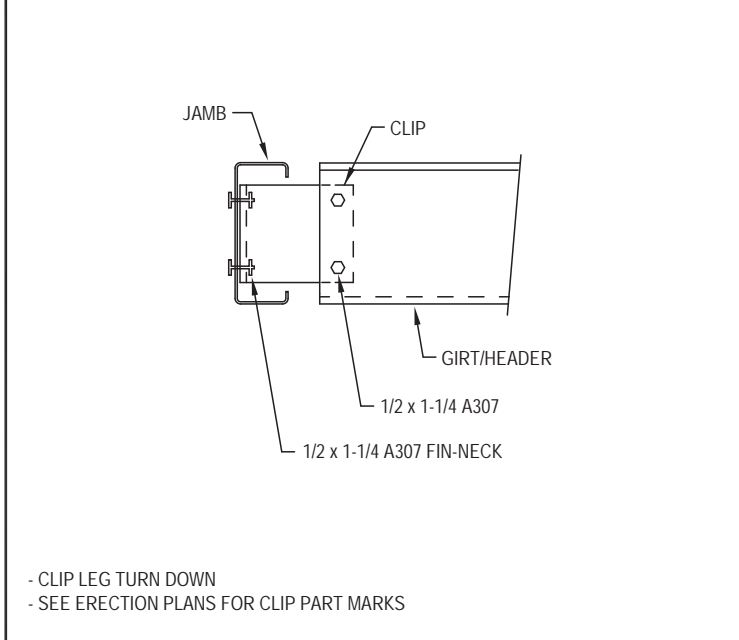
DETAIL D-B6 FLUSH ENDWALL GIRT TO HOT-ROLLED OR BUILT-UP COLUMN
REV 1



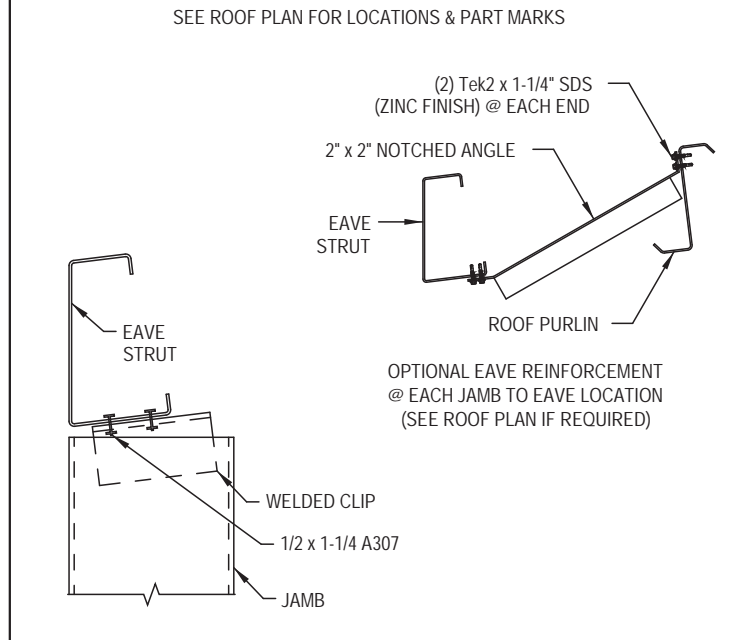
DETAIL D-F4 CORNER COLUMN TO WALL GIRT
REV 1



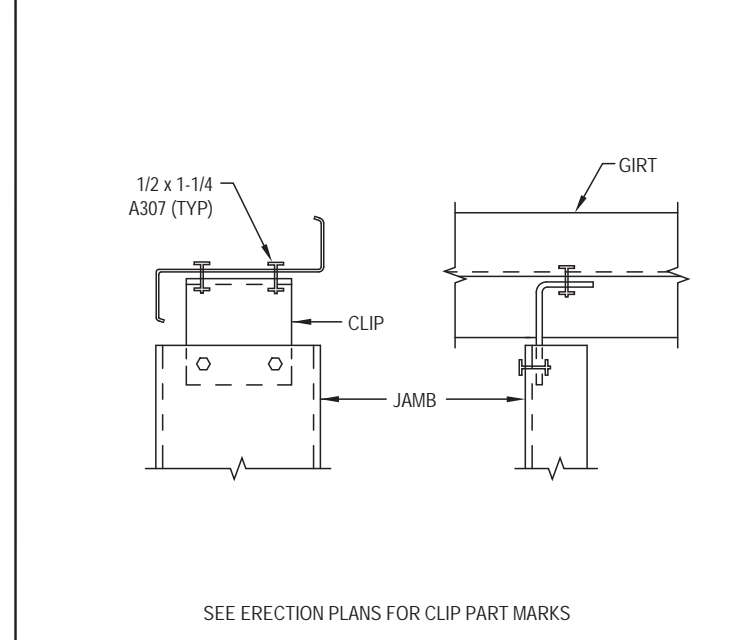
DETAIL D-L2 BASE PLATE FOR DOOR JAMB
REV 1



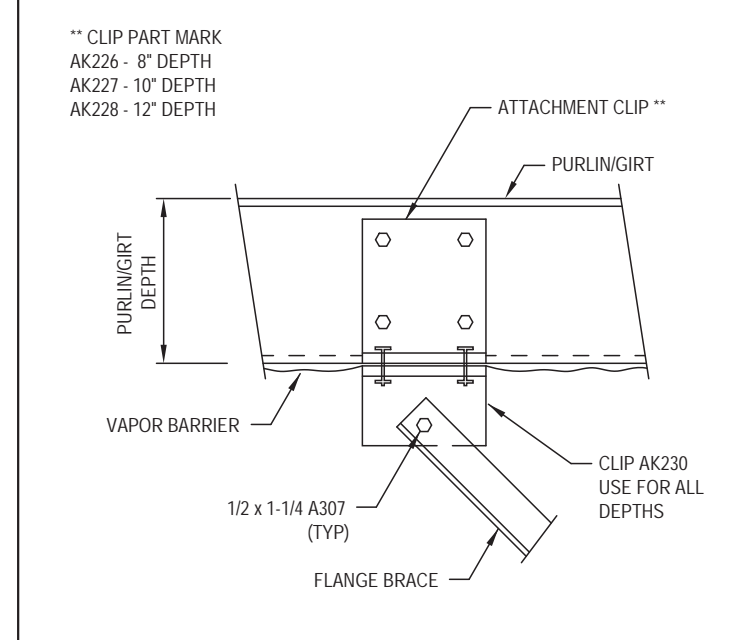
DETAIL D-L3 WALL GIRT TO DOOR JAMB
REV 1



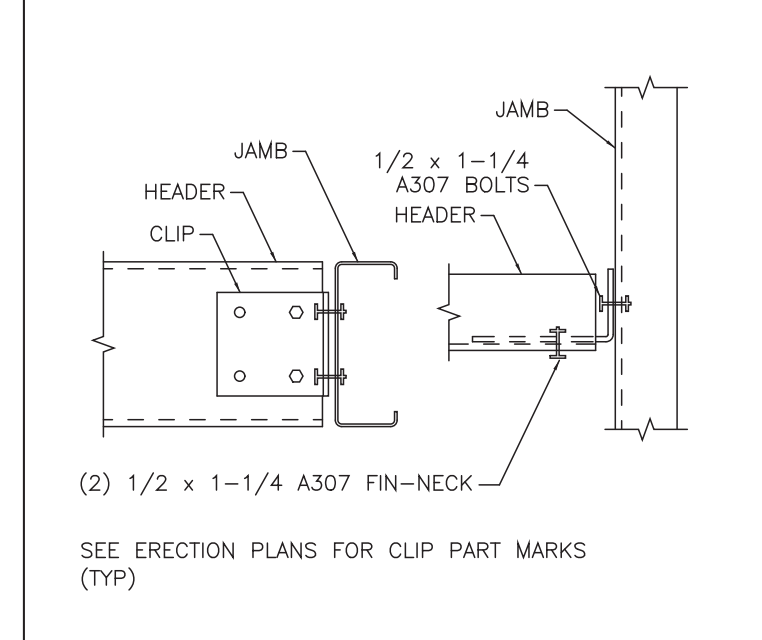
DETAIL D-L17 DOOR JAMB TO EAVE STRUT (OPTIONAL REINFORCEMENT SHOWN)
REV 1



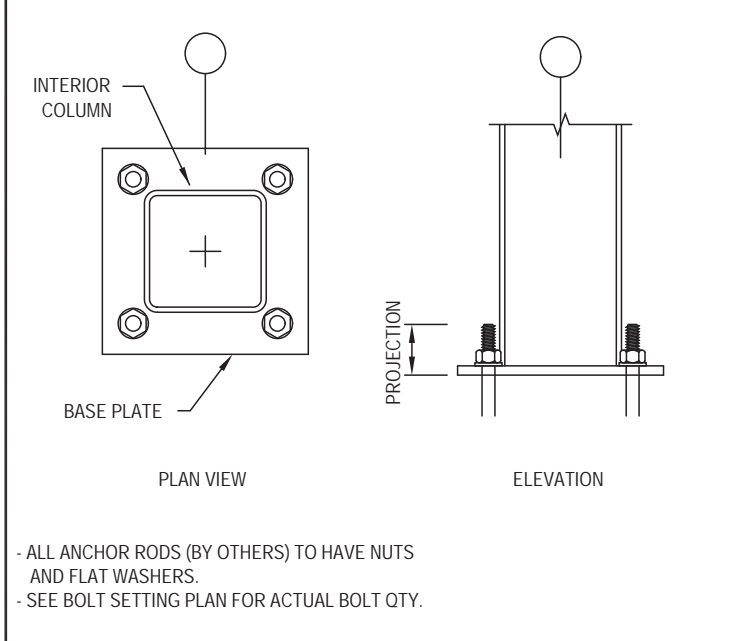
DETAIL D-L18 DOOR JAMB TO WALL GIRT
REV 1



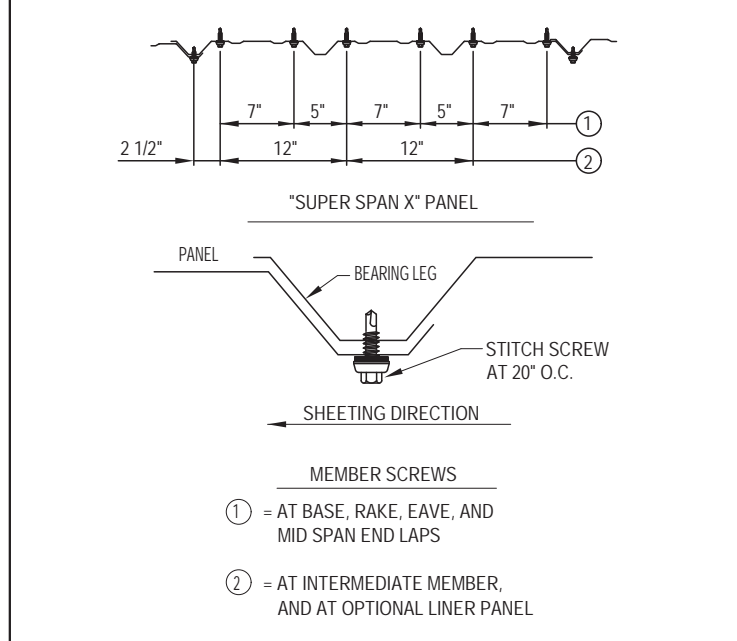
DETAIL B-E6 FLANGE BRACE TO PURLINGIRT CLIPS (OPTIONAL USE WITH VAPOR BARRIER)
REV 1



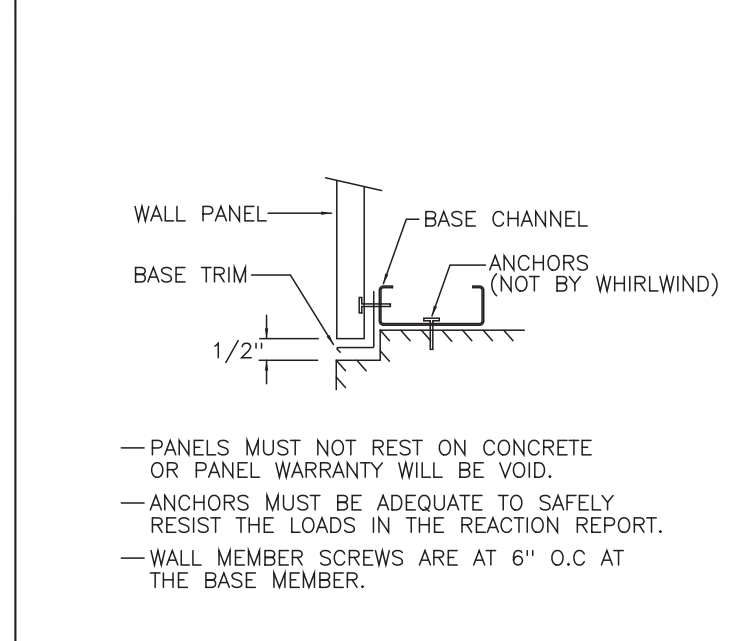
DETAIL M1 HEADER TO CEE JAMB



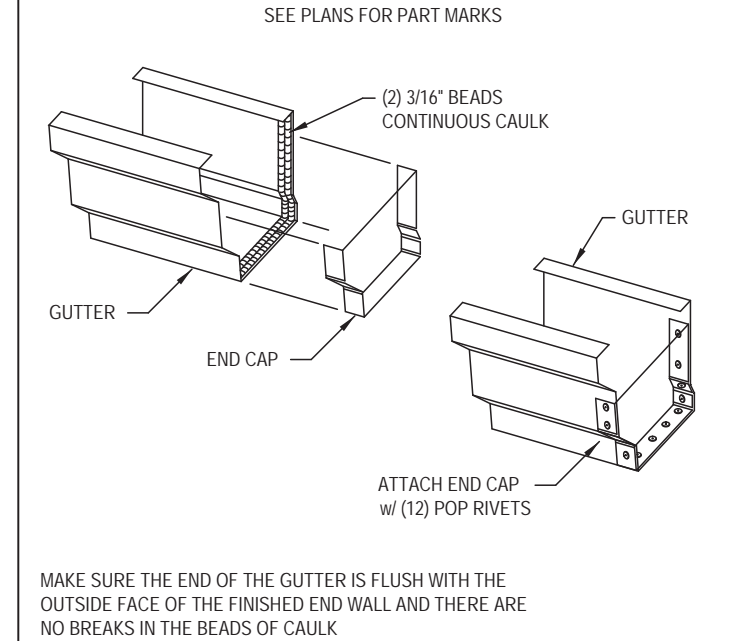
DETAIL A-C5 ANCHOR RODS AT INTERIOR COLUMN
REV 1



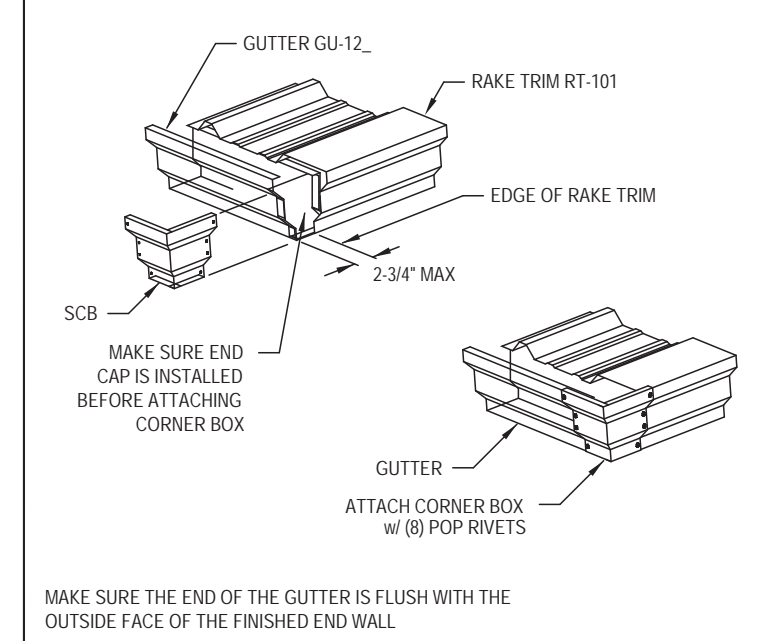
DETAIL E-A6 FASTENER PATTERN FOR WALL PANEL (SUPER SPAN X)
REV 1



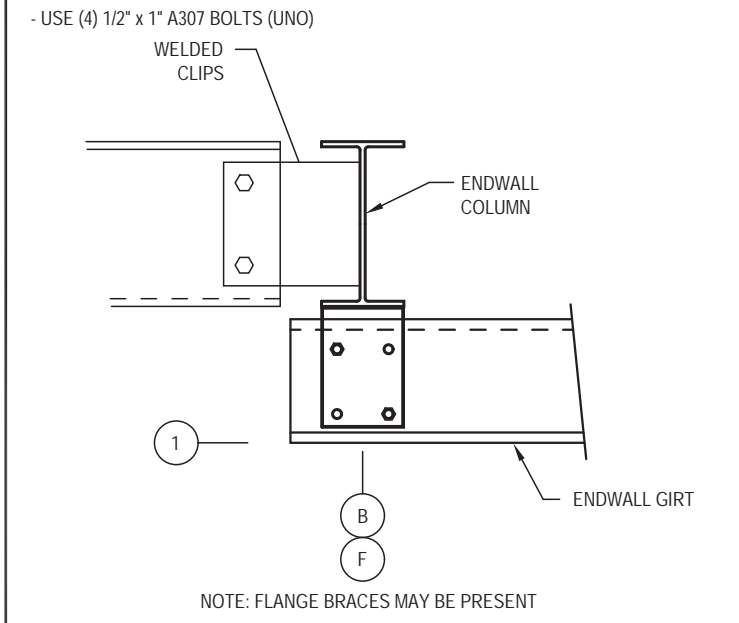
DETAIL T2 SECTION THRU WALL PANEL AND CONCRETE FOUNDATION



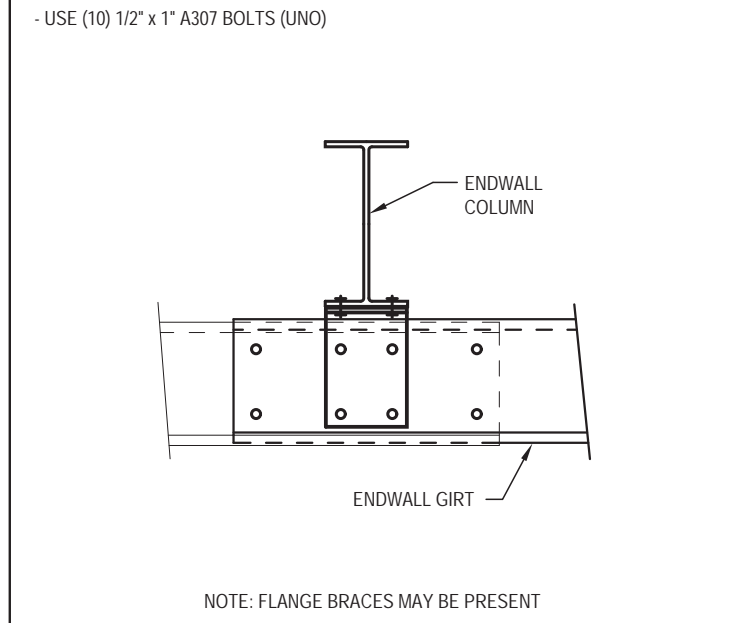
DETAIL V-A2 GUTTER END CAP ATTACHMENT
REV 1



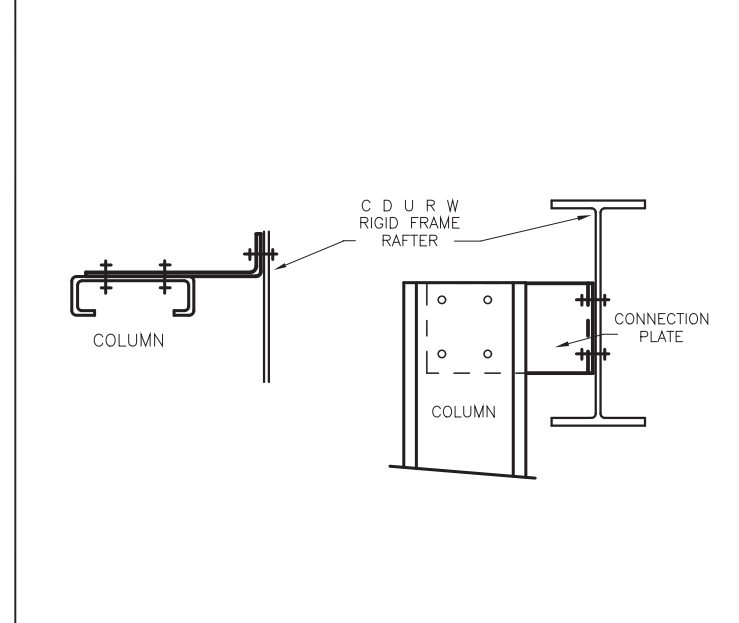
DETAIL E-G1 CORNER BOX ATTACHMENT
REV 1



DETAIL D-C10 BYPASS ENDWALL GIRT TO HOT-ROLLED OR BUILT-UP COLUMN
REV 1



DETAIL D-C5 BYPASS ENDWALL GIRT TO HOT-ROLLED OR BUILT-UP COLUMN
REV 1



DETAIL L97 JAMB TO RIGID FRAME RAFTER

DRAWING STATUS

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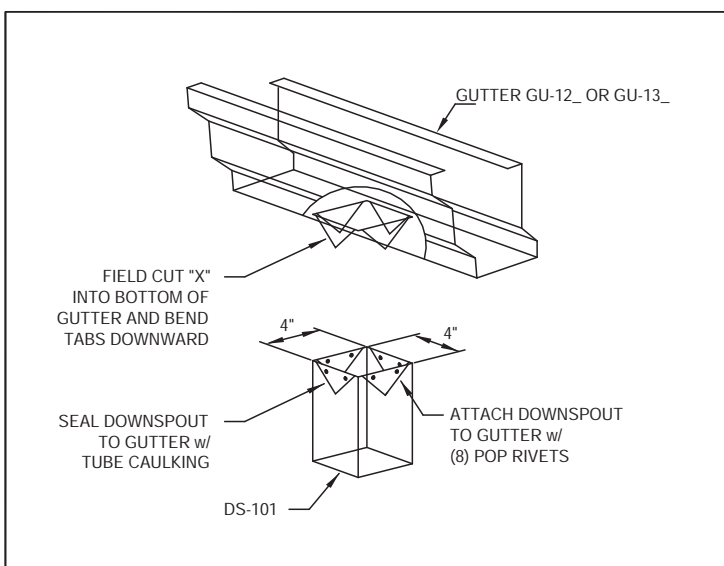
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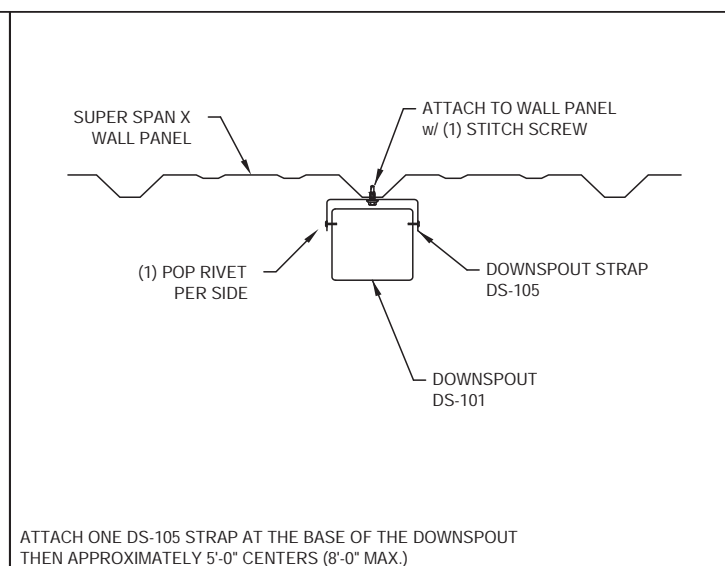
REV	DATE	DESCRIPTION	BY	CHK	DESC:	BLDG. SIZE:
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					JOB SITE: SPANISH FORK, UT 84660	COUNTY: UTAH
					DWN: KLH	DATE: 05/07/2026
					ENG: JRH	JOB NO: 15773-39868
					MVK	DWG NO: D3
						ISSUE: P1

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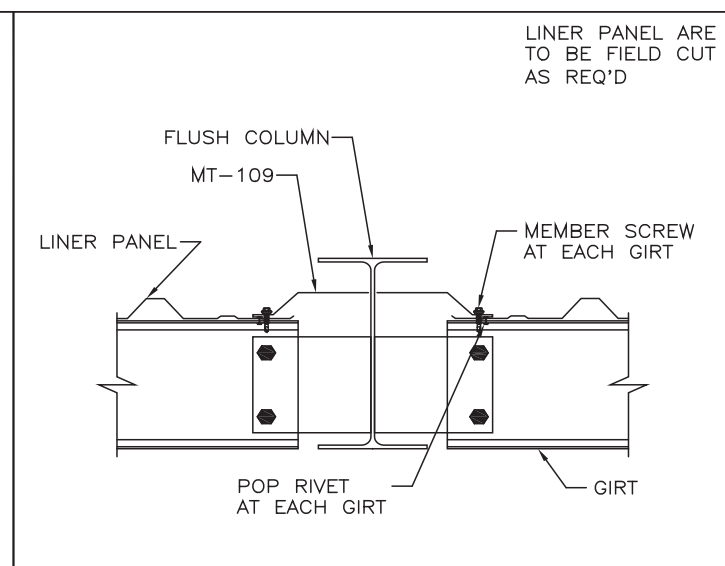




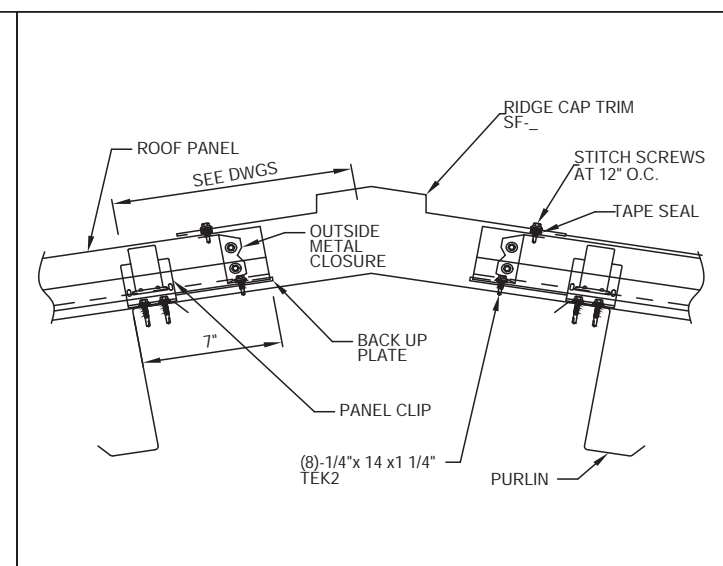
DETAIL V-A3
REV 1
DOWNSPOUT ATTACHMENT @ GUTTER



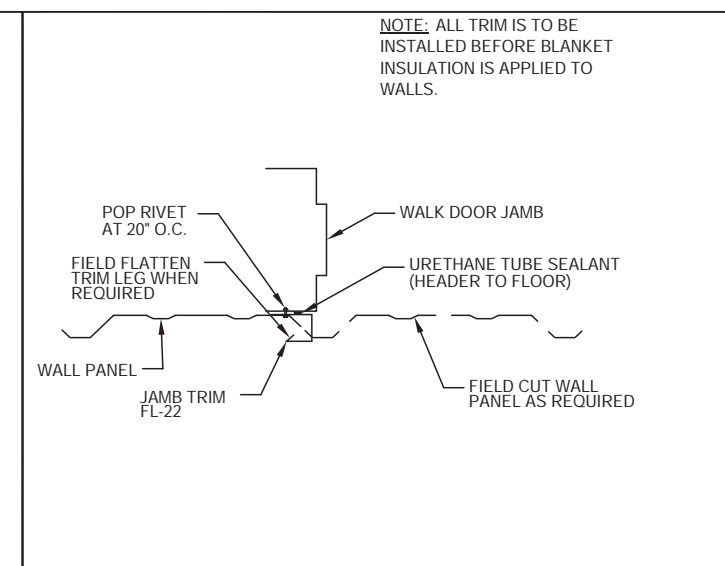
DETAIL V-A4
REV 1
DOWNSPOUT STRAP ATTACHMENT



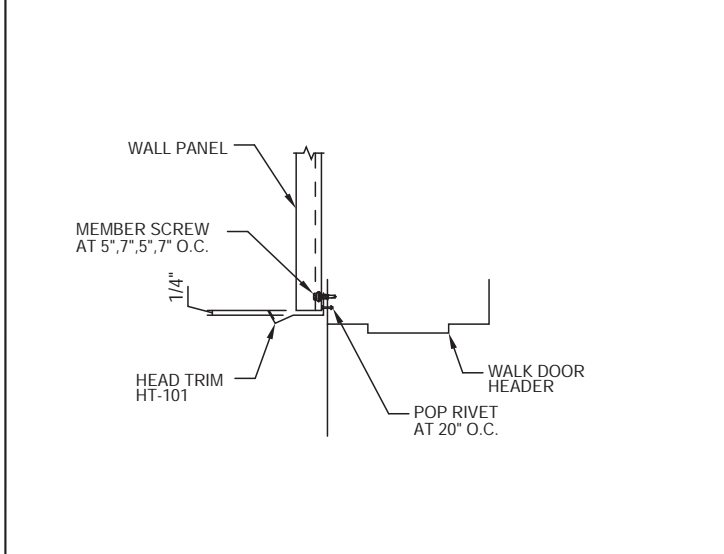
DETAIL TRIM_52
REV 1
LINER PANEL FLUSH COL INSTALLATION SUPER SPAN X



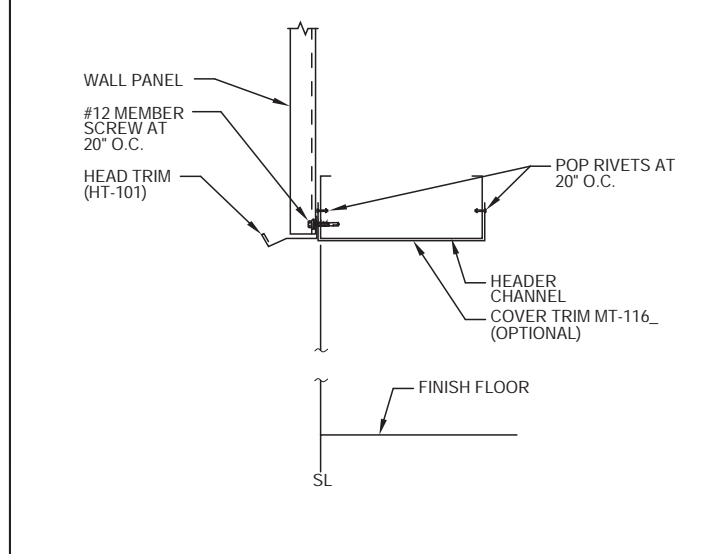
DETAIL F-Y1
REV 1
RIDGE CAP INSTALLATION (SUPER SEAM II AND PLUS)



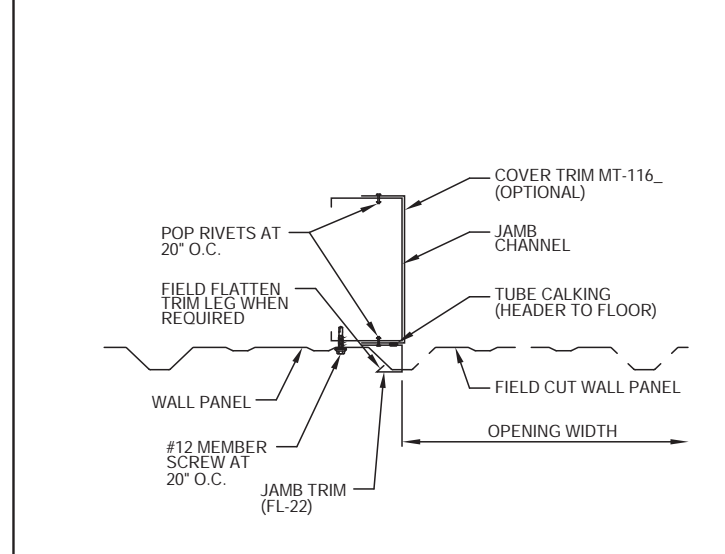
DETAIL L-A11
REV 1
WALK DOOR STD JAMB TRIM (SUPER SPAN X)



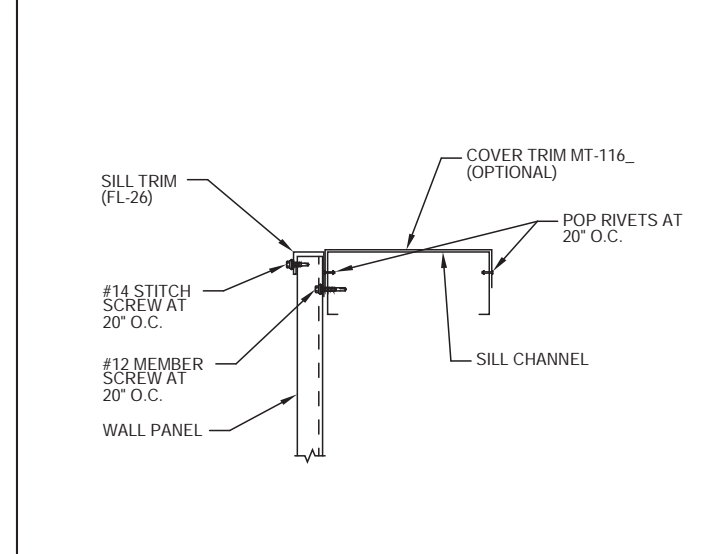
DETAIL L-A12
REV 1
WALK DOOR STD HEAD TRIM (SUPER SPAN X)



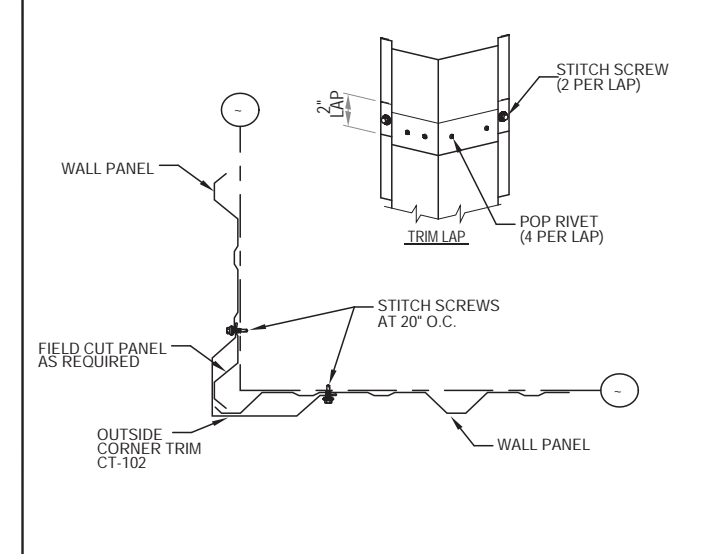
DETAIL L-D17
REV 1
HEAD TRIM DETAIL (SUPER SPAN X)



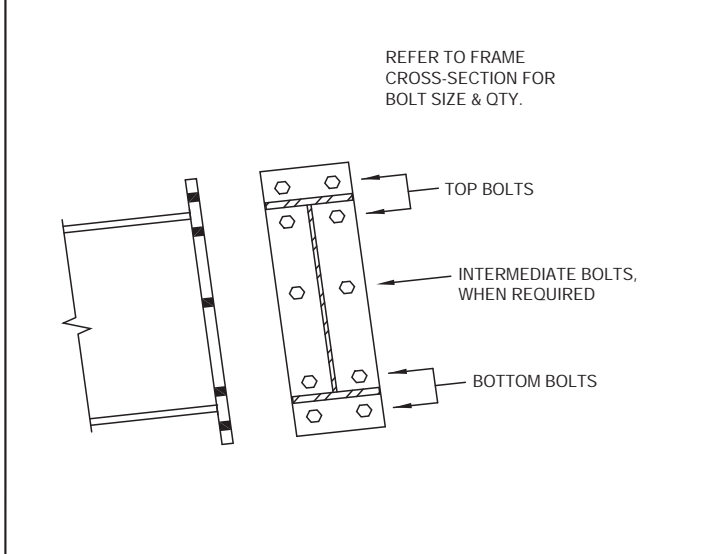
DETAIL L-D18
REV 1
JAMB TRIM DETAIL (SUPER SPAN X)



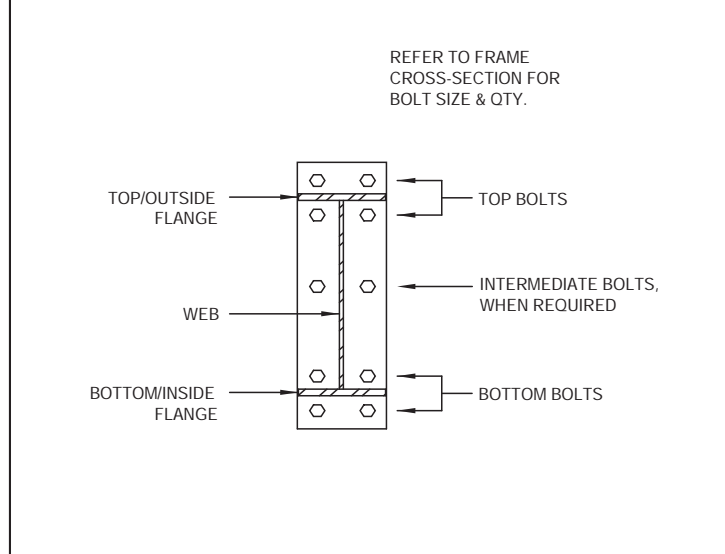
DETAIL L-D19
REV 1
SILL TRIM DETAIL (SUPER SPAN X)



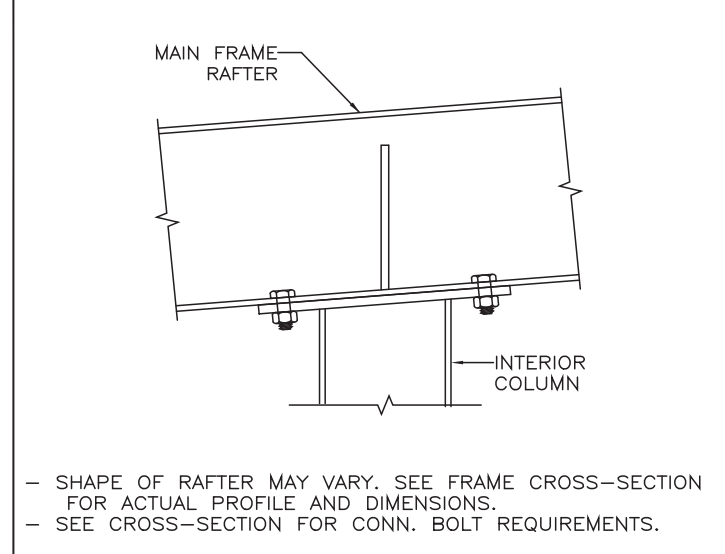
DETAIL L-C4
REV 1
CORNER TRIM INSTALLATION (SUPER SPAN X)



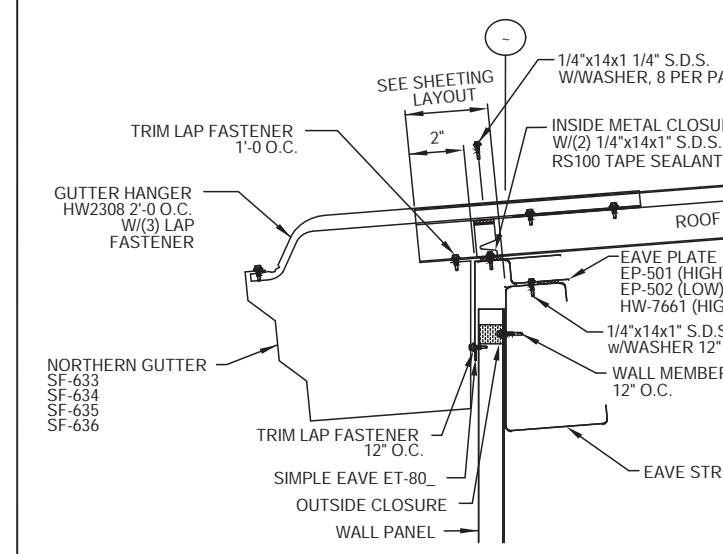
DETAIL B-A15
REV 1
BOLTED END PLATE RAFTER SPLICE



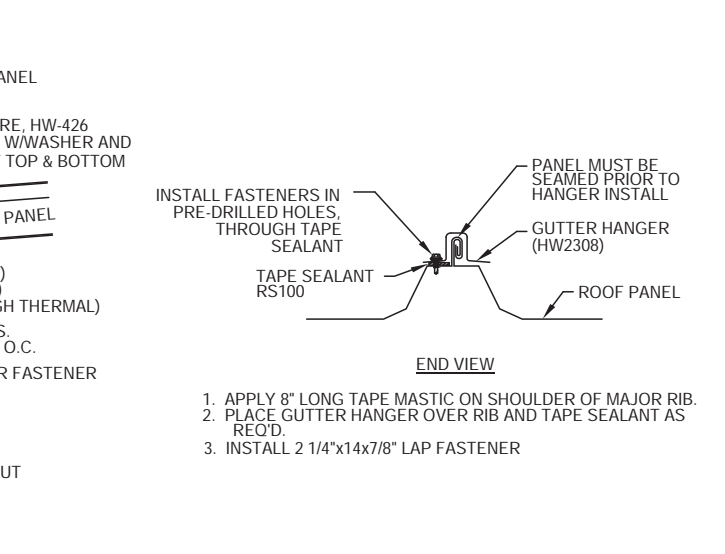
DETAIL B-A12
REV 1
BOLTS FOR RAFTER TO COLUMN CONNECTION



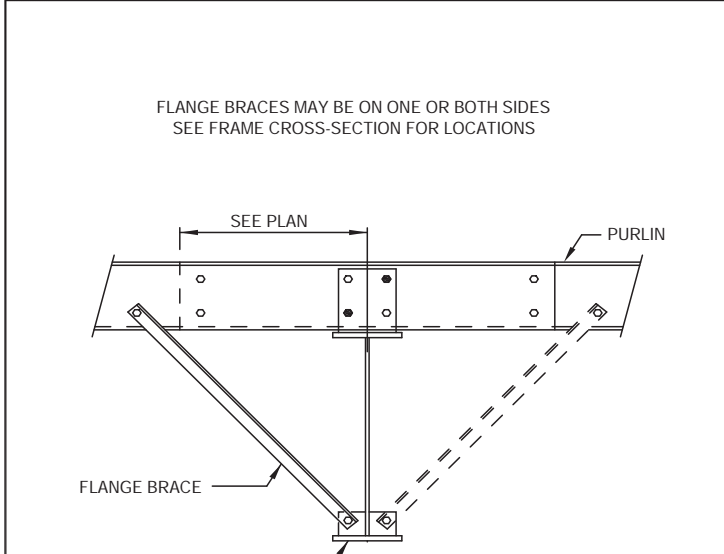
DETAIL V3
REV 1
INTERIOR COLUMN TO RAFTER CONN.



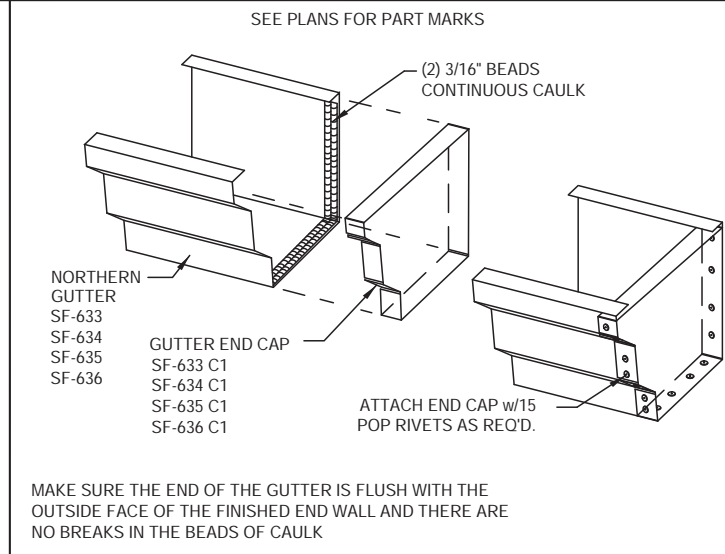
DETAIL F-K3
REV 1
EAVE GUTTER, NORTHERN AT SHEETED WALL, WITH SS-II & SS-PLUS (SW NORTHERN STYLE)



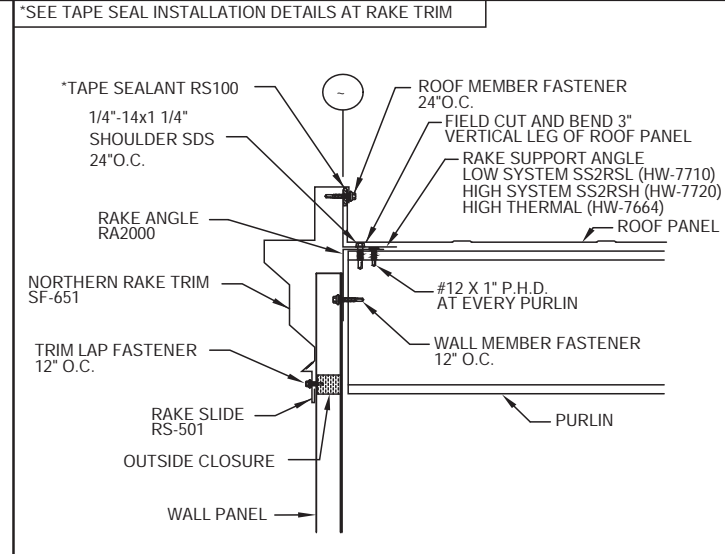
DETAIL F-L1
REV 1
SUPER SEAM II & SUPER SEAM PLUS (SW NORTHERN STYLE)



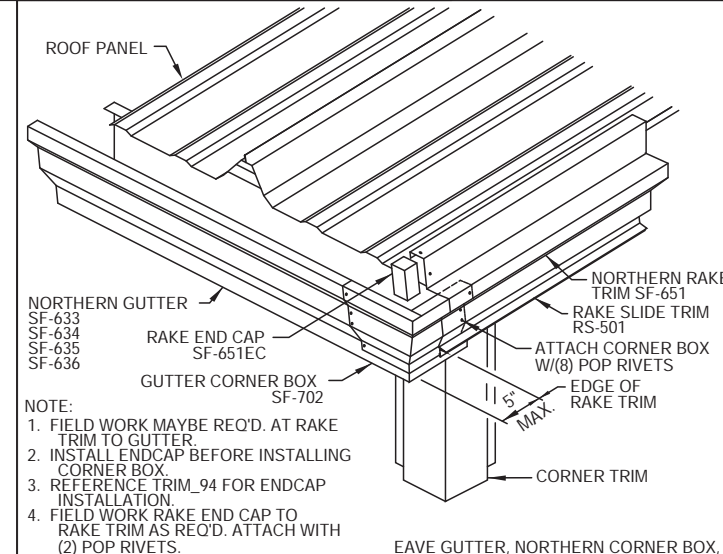
DETAIL B-E1
REV 1
ROOF PURLIN TO INTERIOR FRAME RAFTER



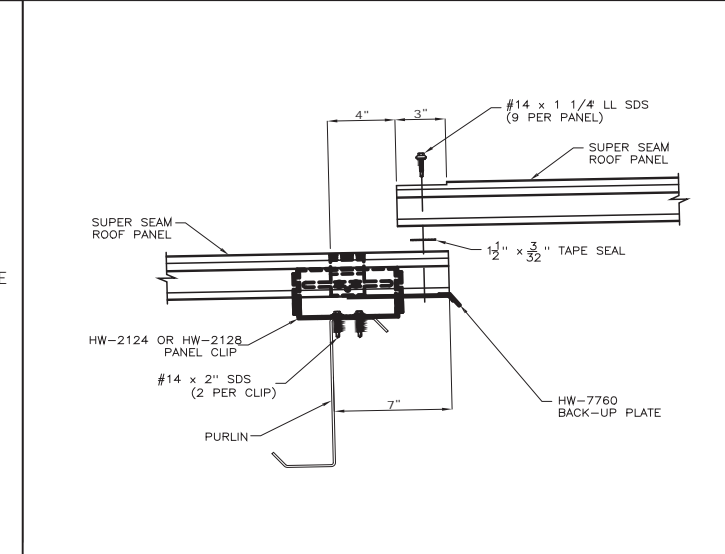
DETAIL V-A7
REV 1
NORTHERN SW GUTTER END CAP ATTACHMENT



DETAIL F-U3
REV 1
RAKE, NORTHERN AT SHEETED WALL SHEETED, OFF MODULE, SS-II & PLUS (SW NORTHERN STYLE)



DETAIL F-L1
REV 1
SUPER SEAM II & SUPER SEAM PLUS (SW NORTHERN STYLE)



DETAIL CAMO3
REV 1
SUPER SEAM PLUS ROOF PANEL LAP (HIGH SYSTEM)

FLANGE BRACES MAY BE ON ONE OR BOTH SIDES SEE FRAME CROSS-SECTION FOR LOCATIONS

SEE PLAN

PURLIN

FLANGE BRACE

RAFTER

● INDICATES ADDL BOLTS REQUIRED AT STRUT PURLINS

A STRUT MEMBER IS A PURLIN LOCATED AT THE BRACE POINTS

BOLT REQUIREMENTS

"ALL BOLTS ARE 1/2" x 1 1/4" A307 (UNO)"

(6) BOLTS ARE REQUIRED AT STANDARD LAPS
(8) BOLTS ARE REQUIRED AT STRUT MEMBERS
(2) BOLTS ARE REQUIRED AT FLANGE BRACES

SEE PLANS FOR EXCEPTIONS TO SIZE & QTY OF BOLTS.

DETAIL B-E1
REV 1
ROOF PURLIN TO INTERIOR FRAME RAFTER

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